

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
ওক্স রেয়াত ও প্রত্যাৰ্পণ পরিদপ্তর
চট্টগ্রাম সমিতি বিল্ডিং (৬ষ্ঠ ও ৭ম তলা)
৩২, ভোপখানা রোড, ঢাকা।

নথি নং-১০/ডেডো/সহগ/২০০৯/১২৫/

তারিখ : ১৭/২/০৯

প্রেরক : মহা-পরিচালক
ডেডো, ঢাকা।

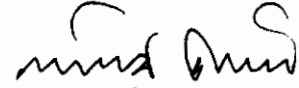
প্রাপক : ব্যবস্থাপনা পরিচালক
মেসার্স বর্নালী ফেব্রিকা লিঃ
পশ্চিম মুক্তারপুর
মুন্সিগঞ্জ।

বিষয় : আবেদনের পরিপ্রেক্ষিতে সহগ জারীকারণ।

সূত্র : আপনার আবেদন পত্র নং-নাই তাং-২৬/০৭/২০০৯।

আপনার আবেদনের পরিপ্রেক্ষিতে (আপনার) প্রতিষ্ঠান জরীপ ও অন্যান্য কার্যক্রম সম্পন্ন করে সহগ প্রনয়ণ করা হয়েছে। প্রণীত সহগের কপি প্রয়োজনীয় কার্যক্রমের জন্য এ পত্রের সাথে সংযুক্ত করে প্রেরণ করা হলো।

সংযুক্ত : ১৫(পনের) পাতা।


(মোঃ নাসির উদ্দিন) ১৭/২/০৯
মহা-পরিচালক।

নথি নং-১০/ডেডো/সহগ/২০০৯/১২৫/

৪৭২০ (১)

তারিখ :

অনুলিপি প্রয়োজনীয় কার্যক্রমের জন্য -

০১। কমিশনার, কাস্টমস্ বন্ড কমিশনারেট, ৩৪২/১, সেগুনবাগিচা, ঢাকা।

সংরক্ষণের জন্য -

- ক) গার্ড ফাইল, ডেডো, ঢাকা ; ও
খ) অফিস কপি, ডেডো, ঢাকা।


(প্রমীলা সরকার)
সহকারী পরিচালক।

**INPUT OUTPUT CO-EFFICIENT
FOR BARNALI FABRICS LTD.**

File No. 10/DEDO/SOHOOG/2009/125

Name of Product : 100% Cotton Knitted Fabrics (White),
Unit : 100 Kgs.

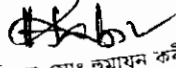
Name of Process	Name of Raw Materials	Shade	Consumption (KG)
a. Scouring & Bleaching (Pre-Treatment)	1. Antifoaming Agent : (Albatex FFC/FCA, Antimussol SF/HTS, De-foamer SFC/SF/F, Antimasul HTS, etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	2. Wetting Agent & Detergent: (Hostapal JU/JET, Rompol NP 2025, Invadine LUN, Sandoclean PCLF/PC, Lissapol-N, Jinters SCF, Detergent MC/DC, Sandozin NIN, Delinol NSR, Invatex CRA, etc.) or (under different Trade/Code/ Chemical names of different manufacturers/Suppliers)		1.00
	3. Anticreasing Agent (Cibafluid C/U, Humectol CU/C-HC, Jintex CAN/C, Imacol JN/CN/C, Anticreser CA/C, Depsolube ACA, Tabanol UFN, etc.) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		0.50
	4. Caustic Soda (NaOH) (Flakes) (Micro) (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		3.00
	5. Hydrogen Peroxide (50%) (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		5.00
	6. Peroxide stabilizer (Tinoclarite CBB, Lastabil UXNU, Per-Stabilizer BKPU, Stabilizer SIFA, Stabilizer CB.HPBS, Stabilizer NS/SF, Tabanol BFR, etc.) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		0.75
	7. Sequestering Agent (Ladiquest 1097U, sequester K, Sirrix 2UD/AK, Cibacel DBC, Sequester AS/KP, Delinol 9208, Delinol VB, Sandopur RSK, etc) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		0.75
	8. Acid (Acetic Acid Clacial, Formic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		1.00

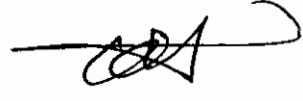

 ডঃ ইঞ্জিনিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর স্পেশালিষ্ট
 ওজ. মেয়াদ ও প্রত্যাপন পরিদপ্তর
 ঢাকা

**INPUT OUTPUT CO-EFFICIENT
FOR BARNALI FABRICS LTD.**

File No. 10/DEDO/SHOHOG/2009/125

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
b. Washing & Finishing	1. Reductive Bleaching Agent (Sodium Hydrosulphite/ Hydrose, Rongalite-o, Reductive Bleach S/ST, Redupal SU, Arostit BL etc) or (Under different Trade/Code/ Chemical names of different manufacturers/Suppliers)		0.75
	2. Optical Brightening Agent (Uvitex BSC/EMV, Leucophor BMB/PM, Synowhite BVB/PW, Bluton BVB/K2/010, Brightening SB/BA/PC, Uvitex BHV, Uvitex 2BB etc) or (Under different Trade/Code/ Chemical names of different manufacturers/Suppliers)		0.75
	3. Softening Agent (Cepreton ATU/ATUC, Romsof UK 2000 / SIMS200, Caranine NC, Cirrasoft CPS/582, Softener NS/SS NI, Sapamine KL, Jinsofter WCS/NC/ONF, Ceraperm MW, Leomin NI, Solusoft WMA/WA, Hensoft, Alkosoft, Dilasoft KLP Alvasoft, Supersoft, Viscosil CSI, Bethamin WRT, Albasoft FK, Albasoft Set, Etc. or (Under different Trade/Code/ Chemical names of different manufacturers/Suppliers)		0.70
	4. Enzyme		0.50


 ডঃ ইঞ্জিনিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর স্পেশালিস্ট
 শিল্প পরামর্শ ও প্রদর্শন পরিদপ্তর
 ঢাকা।

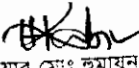


**INPUT OUTPUT CO-EFFICIENT
FOR BARNALI FABRICS LTD.**

File No. 10/DEDO/SOHOOG/2009/125

Name of Product : 100% Cotton Knitted Fabrics (Black)
Unit : 100 Kgs.

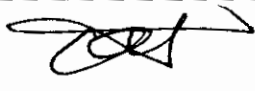
Name of Process	Name of Raw Materials	Shade	Consumption (KG)
a. Scouring & Bleaching (Pre-Treatment)	1. Antifoaming Agent (Albatex FFC/FCA, Antimussol SF/HTS, De-foamer SFC/SF/F, Antimasul HTS, etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	2. Wetting Agent & Detergent (Hostapal JU/JET, Rompol NP 2025, Invadine LUN, Sandoclean PCLF/PCJ, Lissapol-N, Jinters SCF, Detergent MC/DC, Sandozin NIN, Delinol NSR, Invatex CRA, etc.) or (under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)		1.00
	3. Anticreasing Agent (Cibafluid C/U, Humectol CN/C-HF, Jintex CAN/C, Imacol JN/CN/C, Anticreser CA/C, Depsolube ACA, Tabanol etc.) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		0.50
	4. Caustic Soda (NaOH) (Flackes) (Under different Trade / Code / Chemical names of different manufacturers / Suppliers)		3.00
	5. Hydrogen Peroxide (50%) (Under different Trade/Code /Chemical names of different manufacturers/Suppliers)		4.00
	6. a) Peroxide Stabilizer (Tinoclarite CBB, Lastabil UXNU, Per-Stabilizer BKPU, Stabilizer SIFA, Stabilizer CB/HPBS, Stabilizer NS/SF, Tabanol BFR, etc.) or (Under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)		0.75
	b) H2O2 Quenching Agent (Invatex PC, Bactosol AP/CA, Matexil BAPK, Quenching PK, Tabanol, ETC). (Under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)		0.30
	7. Sequestering Agent (Ladiquest 1097U, sequester K, Sirrix 2UD/AK, Cibacel DBC, Sequester AS/KP, Sandopur R3C, Delinol 9208, Delinol VB, Sandopur RSK, etc) or (Under different Trade /Code/Chemical names of different manufacturers /Suppliers)		0.75
8. Acid (Acetic Acid Clacial, Formic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/Code/ Chemical names of different manufacturers /Suppliers)		1.00	


 ডঃ ইঞ্জিনিয়ার মোঃ হুমায়ুন কবীর
 সিস্টেম এনালিস্ট
 প্রকৌশল ও প্রস্তুতি পরিদপ্তর
 ঢাকা

INPUT OUTPUT CO-EFFICIENT FOR BARNALI FABRICS LTD.

File No. 10/DEDO/SOHOG/2009/125

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
b. Dyeing & Finishing	1. Reactive Dyes (Remazol, Everzol/Evercio Rifazol, Solarzol/Solarcion, Benzazol, Cromzol, Cromacion, Reactofix, Indofix, Reactive, Cibacron, Drimarice, Procion, Basilen, Sobazol/Sobacion, Sumifix, Nepacive, Levafix, etc.) or (Under different Trade/Code /Chemical names of different manufacturers/ Suppliers)		10.00
	2. Anticreasing Agent (Cibafluid C/U, Humectol CU/C-HC, Jintex ACN/C, Imacol JN/CN/C Anticreaser CA/C, Depsolube ACA, Tabanol BFR etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	3. Sequestering Agent (Ladiquest 1097U, Sequester K, Sirrix 2UD/AK, Cibacel DBC, Jintexelate QSE, Trilon TA/TB, Sequester AS/KP/DS/DC Sandapur R3C, Delinol 9208, Delinol VB, Sandapur RSK etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	4. Levelling Agent (Drimagen E-2R, Ladiquest 1097-U, Dyelev DK/SH etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		1.00
	5. Soda Ash (Light) or (Under different Trade/ Code /Chemical names of different manufacturers/ Suppliers)		12.00
	6. Glauber's Salt (Na ₂ SO ₂) Anhydrous 99% Min or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		40.00
	7. Soaping/Washing off Agent (Cibapo NR, Sandapur RSK/R2B, Jetopan RK/FC, Jinsoap AWL, Dyeseap KS/DL, Delinol VB etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.80
	8. Acid (Acetic Acid Glacial, Formic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/ Code/ Chemical names of different manufacturers/ Suppliers)		1.00
	9. Fixing Agent (Trinofix ECO, Sandofix EC/NF, FFN Fixanol PN/EN Jinfixer SR/Co, Neofix PAG/FF, Dyefix DRF/CR/NK, Colourfix DRF/FF Radocol NAK, Atafix, etc) or (Under different Trade/ Code/ Chemical names of different manufacturers/ Suppliers)		0.50
	10. Softening Agent (Romsof -TA200/SIMS200, Ceranine HCS/KWL, Jisofter FS/ESC, Softener CS/SS, Leomin AFK-U, Ceraperm MW, Hensoft, Alkosoft, Supersoft, Softner CEK 500, Viscosil CSI, Bethamin WRT, Albasoft FK, Albasoft Set etc) or (Under different Trade /Code/Chemical names of different manufacturers/ Suppliers)		0.80
	11. Enzyme		0.75



 ডঃ ইতিহাস কবি
 সেক্টর পরিচালক
 গুণ রেখা ও প্রতাপন পরিদপ্তর
 ঢাকা

**INPUT OUTPUT CO-EFFICIENT
FOR BARNALI FABRICS LTD.**

File No. 10/DEDO/SOHOOG/2009/125

OR

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
Dyeing & Finishing	OR	10.00%	10.00
	1. Sulphur Black		
	2. Sodium Sulhide (NA ₂ S)	12.00%	12.00
	3. Soda Ash (Na ₂ CO ₃)-Light		12.00
	4. Common Salt (NaCl) / Glaubers Salt	Light shade Medium Dark shade	10.00 or 20.00 or 40.00
	5. Anticreasing Agent (Cibafkuid C/U, Humectol CU/C-HC, Jintex CAN/C, Imacol C/JN/CN, Anticreaser CA/C, Desolube ACA, Tabanol UFN etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	6. Sequestering Agent (Ladiquet 1097U, Sequester K, Sirrix 2UD/AK, Cibacel DBC, Jintexlate QSE, Trilon TA/TB, Sequester AS/KP, Sandapur R3C etc Invatex CRA, Delinol 9208, Delinol VB, Sandapur RSK etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	7. Soaping / Washing off Agent (Cibapon R, Sandapur RSK/R2B, Jetopan RK/FC, Jinsop AWL, Dyesoap KS/DL, Sandozin NIN, Delinol VB etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.80
	8. Acid (Acetic Acid galacial, Fomic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/Code/Chemical names of different manufacturers/ Suppliers)		1.00
9. Softening Agent (Romsos TA2000/SIMS200, Jinsofter FS/FSC, Softener CS/SS, Leomin AFK-U Solusoft WMA/WA, Ceranine HCS/KWL, Ceraperm MW, Hensoft, Dilasoft KLP, Alvasoft, Supersoft, Softer CEK-500, Viscosil CSI, Bethamin WRT., Albasoft FK, Albasoft Set etc.) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.80	


 ডঃ ইঞ্জিনিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর ম্যেঞ্জার
 ওক রেয়াত ও প্রতাপন পরিদপ্তর
 ঢাকা

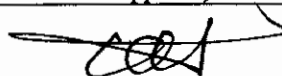
INPUT OUTPUT CO-EFFICIENT FOR BARNALI FABRICS LTD.

File No. 10/DEDO/SOHOOG/2009/125

Name of Product : 100% Cotton Knitted Fabrics (Dyed) *
Unit : 100 Kgs.

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
a. Scouring & Bleaching (Pre-Treatment)	1. Antifoaming Agent (Albatex FFC/FCA, Antimussol SF/HTS, De-foaming SFC/Sf/F, Antimasul HTS, etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	2. Wetting Agent & Detergent (Hostapal JU/JET, Rompol NP 2025, Invadine LUN, Sandoclean PCLF/PCJ, Lissapol-N, Jinters SCF, Detergent MC/DC, Sandozin NIN, Delinol NSR, Invatex CRA, etc.) or (under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)		1.00
	3. Anticreasing Agent (Cibafkuid C/U, Humectol CU/C-HC, Jintex CAN/C, Imacol C/JN/CN, Anticreaser CA/C, Desolube ACA, Tabanol UFN etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	4. Caustic Soda (NaOH) (Flacks) (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		3.00
	5. Hydrogen Peroxide (50%)(Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		4.00
	6. a) Peroxide Stabilizer (Tinoclarite CBB, Lastabil UXN-U, Per-Stabilizer BKPU, Stabilizer SIFA, Stabilizer CB/HPBS, Stabilizer NS/SF, Delinol NSR, Stabilizer AWN, Product PSA, etc.) or (Under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)		0.75
	b) H ₂ O ₂ Quenching Agent (Invatex PC, Bactosol AP/CA, Matexil BAPK, Quenching PK/PQ, Tabanol etc.) or (Under different Trade/Code/ Chemical names of different manufacturers /Suppliers)		0.30
	7. Sequestering Agent (Ladiquet 1097U, Sequester K, Sirrix 2UD/AK, Cibacel DBC, SSE, Sandoper RSK/2B, Trilon TA/TB, Sequester AS/KP, Sandapur R3C etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.75
	8. Acid (Acetic Acid Glacial, Formic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/Code/Chemical names of different manufacturers/ Suppliers)		1.00

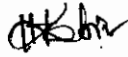
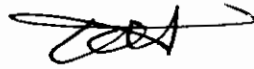
স্বাক্ষরিত
সিনিয়র স্পেশালিস্ট
৩৫ নং সেকশন
১৫/০৬/১৯



INPUT OUTPUT CO-EFFICIENT FOR BARNALI FABRICS LTD.

File No. 10/DEDO/SOHOOG/2009/125

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
b. Dyeing, Washing off & Finishing	1. Reactive Dyes (Remazol, Everzol/Evercio Rifazol, Solarzol/Solarcion, Benzazol, Cromzol, Cromacion, Reactofix, Indofix, Reactive, Cibacron, Drimarice, Procion, Basilen, Sobazol / Sobacion, Sumifix, Amcazol Black SRL, Nepacive, Levafix, Durazol, Syractive etc.) or(Under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)	Light Shade: 0-2% Medium Shade: 2-4% Deep Shade: 4-6%	1.00 or 3.00 or 5.00
	2. Anticreasing Agent (Cibafluid C/U, Humectol CU/C-HC, Jintex ACN/C, Imacol JN/CN/C, Anticreaser CA/C, Desolube ACA, Tabanol UFN etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	3. Sequestering Agent (Ladiquest 1097U, Jintexelate QSE, Trilon TA/TB, Sequester AS/KP, Sandaper Invatex CRA Delinol 9208, Delinol VB, Sandoper RSK etc)or(Under different Trade/Code/Chemical names of different manufacturers/ Suppliers)		0.50
	4. Levelling Agent (Drimagen E-2R, Ladiquest 1097-U, Dyelev DK/SH, Cibacel DVC, Delinol VB etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		1.00
	5. Soda Ash (Na ₂ CO ₃)- Light(Under different Trade/Code/Chemical names of different manufacturers/ Suppliers)		12.00
	6. Glauber's Salt (Na ₂ SO ₂) Anhydrous 99% Min(Under different Trade/Code/Chemical names of different manufacturers/ Suppliers)	Light shade Medium Dark shade	20.00 or 30.00 or 50.00
	7. Soaping Agent (Cibapon R, Sandapur RSK/R2B, Jetoopan RK/FC, Jinsoap AWL, Dyesoap KS/DL, Delinol VB, etc.) or(Under different Trade/Code /Chemical names of different manufacturers/ Suppliers)		0.80
	8. Acid (Acetic Acid Glacial, Formic Acid, Oxalic Acid, Sandacid etc.) or(Under different Trade/Code/Chemical names of different manufacturers/ Suppliers)		1.00
	9. Fixing Agent (Tinofix ECO, Sandofix EC/NF, FFN Fixanol PN/EN Jinfixer SR/CO, Neofix PAG/FF, Dyefix DRF/CR/NK, Colourfix DRF/FF Radocol NAK, Atafix DR etc) or(Under different Trade/Code /Chemical names of different manufacturers/ Suppliers)		0.50
	10. Softening Agent (Romsof-TA 2000/SIMS200, Jisofter FS/ESC, Softener CS/SS, Leomin AFK-U, Solusoft WMA/WA, Ceranine HCS/KWL, Ceraperm MW, Hensoft, Alkosoft, Dilasoft, Avasoft, Supersoft, Softner CEK 500, Viscosil CSI, Bethamin WRT, Albasoft FK, Albasoft Set etc) or(Under different Trade/Code /Chemical names of different manufacturers/ Suppliers)		0.80
	11. Enzyme		0.75




 ডঃ ইঞ্জিনিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর কোম্পানি
 ডকু. রেয়াত ও প্রত্যর্পন পরিদপ্তর
 ঢাকা

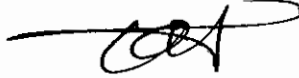
**INPUT OUTPUT CO-EFFICIENT
FOR BARNALI FABRICS LTD.**

File No. 10/DEDO/SOHOOG/2009/125

Name of Product : (65+35)% Polyester / Cotton Knitted Fabrics (White)
OR : (60+40)% Cotton / Polyester Knitted Fabrics (White)
Unit : 100 Kgs.

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
a. Scouring & Bleaching (Pre-Treatment)	1. Antifoaming Agent (Albatex FFC/FCA, Antirmussol SF/HTS, De-foaming SFC/SF/F, Antimasul HTS, etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	2. Wetting Agent & Detergent (Hostapal JU/JET, Rompol NP 2025, Invadine LUN, Sandoclean PCLF/PCJ, Lissapol-N, Jinters SCF, Detergent MC/DC, Sandozin NIN, Delinol NSR, Invatex CRA, etc.) or (under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)		1.00
	3. Anticreasing Agent (Cibafluid C/U, Humectol CU/C-HF, Jintex CAN/C, Imacol JN/CN/C, Anticreaser CA/C, Desolube ACA, Tabanol UFN etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	4. Caustic Soda (NaOH)		3.00
	5. Hydrogen Peroxide (50%)		4.00
	6. Peroxide Stabilizer (Tinoclarite CBB, Lastabil UXN-U, Per-Stabilizer BKPU, Stabilizer SIFA, Stabilizer CB/HPBS, Stabilizer NS/SF, Delinol NSR, Stabilizer AWN, Product PSA, etc.) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.75
	7. Sequestering Agent (Ladiquest I097U, Sequester K, Sirrix 2UD/AK, Cibacel DBC, Jitexelate QSE, Trilor TA/TB, Sequester AS/KP, Sandopur R3C, Tivatix CRA, Delinol 9208, Delinol VB, Sandopur RSK, etc) or (Under different Trade /Code/Chemical names of different manufacturers /Suppliers)		0.75
	8. Acid (Acetic Acid Glacial, Formic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		1.00


 ডঃ ইঞ্জিনিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর স্পেশালিষ্ট
 বকু রেয়াত ও প্রতারণা পরিদপ্তর
 ঢাকা

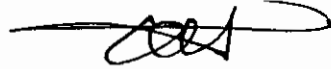


INPUT OUTPUT CO-EFFICIENT FOR BARNALI FABRICS LTD.

File No. 10/DEDO/SOHOOG/2009/125

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
b. Washing off & Finishing	1. Reactive Bleaching Agent (Sodium Hydrosulphite / Hydrose, Ronggaliteo, Reductive bleach S/TS, Redupal SU, Arostit Bl etc) or (Under different Trade / Code / Chemical names of different manufacturers / Suppliers and some items mixed together)		0.75
	2. Optical Brightening Agent (Uvitex BSC/EMV, leucophor BMB/PM, Synowhite BVB/PW, Bluton BVB/K2/P2010, Brightermer SB/BA/PC, Uvitex BHV, Uvitex 2BB etc.) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers and some items mixed together)		0.75
	3. Softening Agent (Cepreton ATU/ATUC, Romsop, WK 2000/SIMS200, Ceranine NC, Cirrasoft CPS/582, Softener NS/SS/NI CEK-500, Sapamine KL, Jisofter WCS/NC/ONF, Ceraperm MW, Leomin NI, Solusoft WMA/WA, Hensoft, Alkosoft, Dilasoft KLP, Alvasoft, Supersoft, Viscosil CSI, Bethamin WRT, Albasoft FK, Albasoft Set etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers and some items mixed together)		0.70
	4. Enzyme		0.75





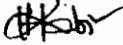
ৃঃ ঈঙ্ঙিঙিয়ার ঙোঃ হুঙাঙুঙ কবীর
সেঙ্ঙর স্পেসিালিস্ঙ
ঙঙ ঙেঙাঙ ও ঙ্রতাপঙ ঙরিঙঙুর
ঢাকা

INPUT OUTPUT CO-EFFICIENT FOR BARNALI FABRICS LTD.

File No. 10/DEDO/SOHOOG/2009/125

Name of Product : (65+35)% Polyester / Cotton Knitted Fabrics (Dyed)
OR : (60+40)% Cotton / Polyester Knitted Fabrics (Dyed)
Unit : 100 Kgs.

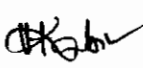
Name of Process	Name of Raw Materials	Shade	Consumption (KG)
a. Scouring & Bleaching (Pre-Treatment)	1. Antifoaming Agent (Albatex FFC/FCA, Antimussol SF/HTS, De-foamer SFC/SF/F, Antimasul HTS, etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	2. Wetting Agent & Detergent (Hostapal JU/JET, Rompol NP 2025, Invadine LUN, Sandoclean PCLF/PCJ, Lissapol-N, Jinters SCF, Detergent MC/DC, Sandozin NIN, Delinol NSR, Invatex CRA, etc.) or (under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)		1.00
	3. Anticreasing Agent (Cibafluid C/U, Humectol CU/C-HF, Jintex CAN/C, Imacol JN/CN/C, Anticreser CA/C, Depsolube ACA, Tabanol UFN, etc.) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		0.50
	4. Soda Ash / Caustic Soda (Flakes)		3.00
	5. Hydrogen Peroxide (50%)		4.00
	6. a) Peroxide stabilizer (Tinoclarite CBB, Lastabil UXN, Per-Stabilizer BKPU, Stabilizer SIFA, Stabilizer CB/HPBS, Stabilizer NS/SF, Sodium Silicato BD, Delinol NSR, Stabilizer AWN, product PSA etc.) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		0.75
	b) Peroxide killer or Quenching agent (Invatex PC, Bactosol AP/CA, Matexil BAPK, Quencher PQ/PK, Tabanol BFR etc.) or (Under different Trade/Code/ Chemical names of different manufacturers/Suppliers)		0.30
	7. Sequestering Agent (Ladiquest 1097U, Sequester K, Sirrix 2UD/AK, Cibacel DBC, Jitxelate QSE, Trilor TA/TB, Sequester AS/KP, Sandopur R3C, Invatex CRA, Delinol 9208, Delinol VB, Sandopur RSK, etc) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)		0.60
	8. Acid (Acetic Acid Clacial, Formic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/Code/ Chemical names of different manufacturers/Suppliers)		1.00


 ডঃ ইঞ্জিনিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর স্পেশালিস্ট
 ওল্ড রেয়াড ও প্রতারণা পরিদপ্তর
 ঢাকা।

**INPUT OUTPUT CO-EFFICIENT
FOR BARNALI FABRICS LTD.**

File No. 10/DEDO/SOHOHOG/2009/125

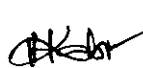
Name of Process	Name of Raw Materials	Shade	Consumption (KG)	
a. Dyeing, Washing off & Finishing	For Polyester Part	Light shade Medium shade Dark shade	1.00 or 1.50 or 2.00	
	1. Disperse Dyes (Palaniil, Foron, Serilene, Teracil, Dianix, Dispersol, Disperse etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)			
	2. Acid (Acetic acid Glacial, Formic Acid, Oxalic Acid, Sandacid, Cibatex AB 45 etc) or (Under different Trade/Code/Chemical names of different manufacturers /Suppliers)			0.75
	* 3. Dispersing and Leveling agent (palegal SF Hispagol, Dyelev DK/SH, Eganal MLDU/PS, Lyocol, Lyogen DFT, Polyperse DT/OL, Univadin DIF etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)			1.00
	4. Anticreasing Agent (Cibafluid C/U, Humectol CU/C-HC, Jintex CAN/C, Imacol JN/CN/N, Anticreser CA/C, Depsolube ACA, Tabanol UFN, etc.) or (Under different Trade/Code/Chemical names of different manufacturers/Suppliers)			0.50
	5. Sequestering Agent (Ladiquet 1097U, Cibacel DBC, Jintexelate QSE, Trilon TA/TB, Sequester AS/KP, Delinol 9208, Delinol VB, Sandopur RSK etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)			0.50
	6. Soaping Agent (Cibapon R, Sandapur RSK/R2B, Jetopan RK/FC, Jinsoap AWL, Dyesoap KS/DL, Delinol VB etc) or (Under different Trade/Code /Chemical names of different manufacturers/ Suppliers)			0.80
	7. Reduction Clearing agent Sodium Hydrosulphite (Hydrose) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)			1.00
	8. Softening Agent (Cepreton ATU/ATUC, Romsol WK 2000/SIMS200, Caranine NC, Cirrasoft CPS/582, Softener NS/SS NI, Sapamine KL, Jinsofter, WCS/NC/ONF, Ceraperm MW, Leomin NI, Solusoft WMA/WA Hensoft, Alkosoft, Dilasoft KLP Alvasoft, Superso	1.00		


 ৩। ইন্ডিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর স্পেশালিস্ট
 ডক. রেয়াত ও প্রতাপন পরিদপ্তর
 ঢাকা

INPUT OUTPUT CO-EFFICIENT FOR BARNALI FABRICS LTD.

File No. 10/DEDO/SOHOOG/2009/125

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
b. Dyeing, Washing off & Finishing	For Cotton Part		
	1. Reactive Dyes (Remazol, Everzol/Evercio Rifazol, Solarzol/Solarcion, Benzazol, Cromzol, Cromacion, Reactofix, Indofix, Reactive, Cibacron, Drimarice, Procion, Basilen, Sobazol / Sobacion, Sumifix, Nepacive, Levafix, etc.) or (Under different Trade/Code /Chemical names of different manufacturers/ Suppliers)	Light shade Medium shade Dark shade	1.00 or 2.00 or 3.00
	2. Anticreasing Agent (Cibafluid C/U, Humectol CU/C-HC, Jintex ACN/C, Imacol JN/CN/C Anticreaser CA/C, Depsolube ACA, Tabanol BFR etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	3. Sequestering Agent (Ladiquest 1097U, Jintexelate QSE, Trilon TA/TB, Sequester AS/KP, Cibacel DBC, Delinol 9208, Delinol VB, Sandopur RSK etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	4. Levelling Agent (Drimagen E-2R, Ladiquest 1097-U, Dyelev DK/SH, Civacel DBC, Delinol VB etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		1.00
	5. Soda Ash (Na ₂ CO ₃)-Light(Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		9.00
	6. Glauber's Salt (Na ₂ SO ₄) Anhydrous 99% Min	Light shade Medium shade Dark shade	10.00 or 20.00 or 30.00
	7. Soaping Agent (Cibapon R, Sandapur RSK/R2B, Jetoopan RK/FC, Jinsoap AWL, Dysoap KS/DL, min etc) or(Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.80
	8. Acid (Acetic Acid Glacial, Formic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		1.00
	9. Fixing Agent (Trinofix ECO, Sandofix EC/NF, PFN Fixanol PN/EN Jinfixer SR/Co, Neofix PAG/FF, Dyefix DRF/CR/NK, Colourfix DRF/FF Solofix E, etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	10. Softening Agent (Romsol -TA200/SIMS200, Jisofter FS/ESC, Softener CS/SS/CEK, Leomin AFK-U, Ceraperm MW, Ceranine KWL/HCS, Solusoft WMA/WA, Hensoft, Alkosoft, Dilasoft KLP, Avasoft, Supersoft, Viscosil CSI, Bethamin WRT, Albasoft FK, Albasoft Set etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.80
11. Enzyme		0.50	


 ৩ঃ ইঞ্জিনিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর স্পেশালিস্ট
 গুজু রেয়াত ও প্রতারণা পরিদপ্তর
 ঢাকা

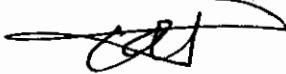
INPUT OUTPUT CO-EFFICIENT FOR BARNALI FABRICS LTD.

File No. 10/DEDO/SOHOHOG/2009/125

Name of Product : (65+35)% Polyester / Cotton Knitted Fabrics (Black)
OR : (60+40)% Cotton / Polyester Knitted Fabrics (Black)
Unit : 100 Kgs.

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
a. Scouring & Bleaching (Pre-Treatment)	1. Antifoaming Agent (Albatex FFC/FCA, Antirmussol SF/HTS, De-foaming SFC/SF/F, Antimasul HTS, etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	2. Wetting Agent & Detergent (Hostapal JU/JET, Rompol NP 2025, Invadine LUN, Sandoclean PCLF/PCJ, Lissapol-N, Jinters SCF, Detergent MC/DC, Sandozin NIN, Delinol NSR, Invatex CRA, etc.) or (under different Trade/Code/ Chemical names of different manufacturers/ Suppliers)		1.00
	3. Anticreasing Agent (Cibafluid C/U, Humectol CN/C-HF, Jintex CAN/C, Imacol JN/CN/C, Anticreaser CA/C, Desolube ACA, Tabanol UFN etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	4. Soda Ash / Caustic Soda (Flakes)		3.00
	5. Hydrogen Peroxide (50%)		4.00
	6. Peroxide Stabilizer (Tinoclarite CBB, Lastabil UXN-U, Per-Stabilizer BKPU, Stabilizer SIFA, Stabilizer CB/HPBS, Stabilizer NS/SF, Stabilizer SIFA Delinol NSR, Stabilizer AWN, Product PSA, etc.) or (Under different Trade/Code/ Chemical names of different manufacturers/ Suppliers) or Peroxide Killer or Quenching Agent (Invatex PC, Bactosol AP/CA, Matexil BAPK, Quencher PQ/PK, Tabanol BFR etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.75 0.30
	7. Sequestering Agent (Ladiquet 1097U, Cibacel DBC, Jitxelate QSE, Trilor TA/TB, Sequester AS/KP, Sandopur R3C, Tivatix CRA, Delinol 9208, Delinol VB, Sandopur RSK, etc) or (Under different Trade /Code/Chemical names of different manufacturers /Suppliers)		0.60
	8. Acid (Acetic Acid Glacial, Formic Acid, Oxalic Acid, Sandacid etc.) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		1.00



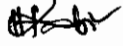


২০ ইন্ডিয়ান মোঃ কামাল কবীর
সেক্টর স্পেশালিষ্ট
৯৯ মেয়াদ ও প্রতারণা পরিদপ্তর
ঢাকা

**INPUT OUTPUT CO-EFFICIENT
FOR BARNALI FABRICS LTD.**

File No. 10/DEDO/SOHOOG/2009/125

Name of Process	Name of Raw Materials	Shade	Consumption (KG)	
b. Dyeing, Washing off & Finishing	For Polyester Part	Light shade Medium shade Dark shade	1.00 or 2.00 or 3.50	
	1. Disperse Dyes (Palanil, Foron, Serilene Teracil, Dianix, Dispersol, Disperse etc) or (Under different Trade / Code / Chemical names of different manufacturers / Suppliers and some items mixed together)			
	2. Acid (Acetic Acid Glacial, Formic Acid, Oxalic Acid, Sandacid, Cibatex AB 45 etc.) or (Under different Trade/Code/Chemical names of different manufacturers /Suppliers and some items mixed together)			0.75
	3. Dispering and levelling agent (Palegal SF Hispagol, Dyelev DK/SH, Eganal MLDU/PS, Lyocol, Lyogen DFT, Polyperse DT/OL, Univadin DIF etc) or (Under different Trade / Code / Chemical names of different manufacturers / Suppliers and some items mixed together)			1.00
	4. Anticreasing Agent (Cibafluid C/U, Humectol CN/C-HC, Jintex CAN/C, Imacol JN/CN/C, Anticreaser CA/C, Desolube ACA, Tabanol UFN etc) or (Under different Trade/ Code/Chemical names of different manufacturers/Suppliers)			0.50
	5. Sequestering Agent (Ladiquet 1097U, Cibacel DBC, Jitexelate QSE, Trilor TA/TB, Sequester AS/KP, Delinol 9208, Delinol VB, Sandapur RSK, etc) or (Under different Trade/Code/ Chemical names of different manufacturers /Suppliers)			0.50
	6. Soaping/Washing off Agent (Cibapo R, Sandapur RSK/R2B, Jetopan RK/FC, Jinssoap AWL, Dyesoap KS/DL, Delinol VB etc) or (Under different Trade/ Code/Chemical names of different manufacturers/Suppliers)			0.80
7. Reduction Clearing Sodium Hydrosulphite (Hydrose) Or Redupal SU/Arostil BL etc.	1.00			


 ডঃ ইতিমিয়ার মোঃ হুমায়ুন কবীর
 সেক্টর ম্যেঞ্জার
 ডপ. রেয়াত ও প্রতাপন পরিদপ্তর
 ঢাকা

INPUT OUTPUT CO-EFFICIENT FOR BARNALI FABRICS LTD.

File No. 10/DEDO/SHOHOG/2009/125

Name of Process	Name of Raw Materials	Shade	Consumption (KG)
b. Dyeing & Finishing off & Finishing	For Cotton Part		
	1. Reactive Dyes (Remazol, Everzol/Evercion Rifazol, Solarzol/Solarcion, Benzazol, Cromazol, Cromacion, Reactofix, Indofix, Reactive, Cibacron, Drimarice, Procion, Basilen, Sobazol / Sobacion, Sumifix, Amcazol, Nepacive, Levafix, etc.) or (Under different Trade/Code/Chemical names of different manufacturers /Suppliers) Direct Dyes (Soloshenyl, Sirius, ndosol, Forosol, Direct etc. or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)	Light shade Medium shade Dark shade	3.00 or 5.00 or 7.00
	2. Anticreasing Agent (Cibafluid C/U, Humectol CU/C-HC, Jintex ACN/C, Imacol JN/CN/C Anticreaser CA/C, Depsolube ACA, Tabanol BFR etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	3. Sequestering Agent (Ladiquest 1097U, Jintexelate QSE, Trilon TA/TB, Sequester AS/KP Sandapur Cibacel DBC, Delinol 9208, Delinol VB, Sandopur RSK etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.50
	4. Levelling Agent (Ladiquest 1097-U, Dyelev DK/SH, Cibacel DBC, Delinol VB etc) or (Under different Trade/Code/Chemical names of different manufacturers/ Suppliers)		1.00
	5. Soda Ash (Na ₂ CO ₃) -Light		9.00
	6. Glauber's Salt (Na ₂ SO ₄) Anhydrous 99%	Light shade Medium shade Dark shade	10.00 or 15.00 or 25.00
	7. Soaping Agent (Cibapon R, Sandapur RSK/R2B, Jetopan RK/FC, Jinoap AWL, Dyesoap KS/DL, Delinol VB etc) or(Under different Trade/Code /Chemical names of different manufacturers/ Suppliers)		0.80
	8. Acid (Acetic Acid Glacial, Formic Acid, Oxalic Acid, Sandacid etc.)or(Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		1.00
	9. Fixing Agent (Trinofix ECO, Sandofix EC/NF, FFN Fixanol PN/EN Jinfixer SR/Co, Neofix PAG/FF, Dyefix DRF/CR/NK, Colourfix FRF/FF, Solofixe Radocol NAK, Atafix DR etc) or(Under different Trade/Code/Chemical names of different manufacturers /Suppliers)		0.50
	10. Softening Agent (Romsol -TA200/SIMS200, Jisofter FS/ESC, Softener CS/SS, Leomin AFK-U, Ceraperm MW, Ceranine KWL/HCS, Solusoft WMA/WA, Hensoft, Dilasoft KLF, Aversof, Supersoft, Viscosil CSI, Bethamin WRT, Albasoft FK, Albasoft Set etc) or (Under different Trade/ Code/Chemical names of different manufacturers/ Suppliers)		0.80
11. Enzyme		0.50	

Note: Enzyme finishing agent will be required only for the L/C mentioned particular finishing process.

Md. Humayun Kabir
20/5/09
Dr. Engr. Md. Humayun Kabir
Sector Specialist
DEDO, Dhaka

Md. Asraful Islam
5/5/09
Md. Asraful Islam
AD
DEDO, Dhaka

A/C Bond

Director
DEDU
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