সকাই মিলে মুলত দিন, দেশ উন্নয়নে অংশ নিন।
যাতে যাবতীয় দুর্নীতি প্রতিরোধ।

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
তন্ত্র রেয়াত ও প্রত্যর্পণ পরিদপ্তর
চট্টগ্রাম সমিতি ভবন(৬ষ্ঠ ও ৭ম তলা),
৩২, তোপখানা রোড, ঢাকা-১০০০।

নথি নং-০৯/ডেডো/সহগ/২০১৪/২৬৯/ ২০৩৪৮ তারিখঃ ০১/৩/১৫

প্রেরকঃ মহা-পরিচালক

প্রাপকঃ ব্যবস্থাপনা পরিচালক
মেসার্স আশ্রাফ প্লাস্টিক এন্ড পেপার
৪৭৭, গাজীরচট, বাইপাইল,
সাভার, ঢাকা।

বিষয়ঃ আবেদনের পরিপ্রেক্ষিতে সহগ জারীকরণ।
সূত্র ঃ আপনার ২২/০৭/২০১৪ তারিখের আবেদন।

আপনার আবেদনের পরিপ্রেক্ষিতে প্রতিষ্ঠানটি জরীপ করে জরীপে প্রাপ্ত তথ্যের ভিত্তিতে সহগ প্রদান করা হয়েছে। প্রদীত সহগের কপি প্রয়োজনীয় কার্যক্রমের জন্য এ পত্রের সাথে সংযুক্ত করে প্রেরণ করা হলো।

সংযুক্তিঃ ০৩ (তিন) পাতা।

২৪/০২/১৫

মুনমুন আকতার দিনা
সহকারী পরিচালক
মহাপরিচালকের পক্ষে।

নথি নং-০৯/ডেডো/সহগ/২০১৪/২৬৯/
অনুলিপি সদয় অবগতি ও প্রয়োজনীয় কার্যক্রমের জন্যঃ
তারিখঃ
১। কমিশনার, কাস্টমস্ বন্ড কমিশনারেট, ৩৪২/১, সেগুনবাগিচা, ঢাকা।

সংরক্ষণের জন্য-
ক) গার্ড ফাইল, ডেডো, ঢাকা।
খ) অফিস কপি, ডেডো, ঢাকা।

মুনমুন আকতার দিনা
সহকারী পরিচালক
মহাপরিচালকের পক্ষে।

Government of the People's Republic of Bangladesh
Duty Exemption and Drawback Office
Chittagong Samity Bhaban
32, Topkhana Road, Dhaka

Input-Output Coefficient For M/S. Ashraf Plastic & Label

Name of Product & Unit.	Raw Materials	General Formula for Raw Material consumption
1) Plain Poly Bag. Unit: 1000 pcs	1) PP/LLDPE/LDPE	PP Consumption = 2x1000xLxWxTxDgm+5%Wastage Sample Calculation: (Say,L=Length of Bag=100cm,W=Width of bag=50cm. T=Thickness of Bag=0.005cm,D=Density of PP=0.90gm c c) Therefore,Total PP Consumption=(2x1000x100x50x0.005 x0.90)x1.05gm=47250gm=47.25kg
2) Printed Poly Bag. (One to four colour) Unit : 1000pcs	1) PP/LLDPE/LDPE 2)Flexoprint Ink 3)Thinner/Reducer	PP Consumption = 2x1000xLxWxTxDgm+7%Wastage Sample Calculation: (Say,L=Length of Bag=100cm,W=Width of bag=50cm. T=Thickness of Bag=0.005cm,D=Density of PP=0.90gm/c.c) Therefore,Total PP Consumption=(2x1000x100x50x0.005 x0.90)x1.07gm=48150gm=48.15kg 22gm(With Wastage) 66gm(With Wastage)
3) Flap Type Poly bag with gussets in bottom & adhesive tape. Unit : 1000pcs	1) PP/LLDPE/LDPE 2)Adhesive Tape (Width=15mm)	PP Consumption = 2x1000x(L+5cm)x(W)xTxDgm+8%Wastage Sample Calculation: (Say,L=Length of Bag=100cm,W=Width of bag=50cm. T=Thickness of Bag=0.005cm,D=Density of PP=0.90gm c c) Therefore,Total PP Consumption=(2x1000x105x50x0.005 x0.90)x1.08gm=51030gm=51.03kg Note: 5cm allowance for bottom gussets & flap folding. Total Adhesive Tape Consumption=1000xw+5%wastage cm Sample Calculation: Say, W=Width of Bag=50cm Therefore,Total Adhesive Consumption=1000x50x1.05cm=525.0cm
4) Printed Pillow type poly bag with bottom gusset. (1 to 4colour) Unit : 1000pcs	1) PP/LLDPE/LDPE 2)Flexoprint Ink 3)Thinner/Reducer	PP Consumption = 2x1000x(L+5cm)x(W)xTxDgm+8%Wastage Sample Calculation: (Say,L=Length of Bag=100cm,W=Width of bag=50cm. T=Thickness of Bag=0.005cm,D=Density of PP=0.90gm/c.c) Therefore,Total PP Consumption=(2x1000x105x50x0.005 x0.90)x1.08gm=51030gm=51.03kg 22gm(With Wastage) 66gm(With Wastage) Note : 5cm allowance for bottom gussets & pillow folding.
5) Printed Poly Bag. With gussets in bottom & attached hanger. (1 to 4 colour) Unit : 1000 pcs	1) PP/LLDPE/LDPE 2)Polypropylene (For Hanger) 3)Flexoprint Ink 4)Thinner/Reducer	PP Consumption = 2x1000x(L+5cm)x(W)xTxDgm+8%Wastage Sample Calculation: (Say,L=Length of Bag=100cm,W=Width of bag=50cm. T=Thickness of Bag=0.005cm,D=Density of PP=0.90gm/c.c) Therefore,Total PP Consumption=(2x1000x102.5x50x0.005 x0.90)x1.08gm=49815gm=49.815kg Note : 2.5cm allowance for gusset folding only 6.25 kg (with wastage) 22gm (with wastage) 66 gm with wastage)
6) Printed Poly Bag. (six colour) Unit : 1000 pcs.	1) PP/LLDPE/LDPE 2) Flexoprint Ink 3) Thinner/Reducer	PP Consumption = 2x1000xLxWxTxDgm+8%Wastage Sample Calculation: (Say,L=Length of Bag=100cm,W=Width of bag=50cm. T=Thickness of Bag=0.005cm,D=Density of PP=0.90gm/c c) Therefore,Total PP Consumption=(2x1000x100x50x0.005 x0.90)x1.08gm=48600gm=48.6kg 33gm(With Wastage) 99gm(With Wastage)
7) Printed Hanger type poly Bag. (1 to 4 colour) Unit : 1000 pcs	1) PP/LLDPE/LDPE 2) Flexoprint Ink 3) Thinner/Reducer	PP Consumption = 2x1000xLxWxTxDgm+7%Wastage Sample Calculation: (Say,L=Length of Bag=100cm,W=Width of bag=50cm. T=Thickness of Bag=0.005cm,D=Density of PP=0.90gm/c.c) Therefore,Total PP Consumption=(2x1000x100x50x0.005 x0.90)x1.07gm=48150gm=48.45kg 22gm(With Wastage) 66gm(With Wastage)

Note : Thickness of the polybag should be of single sheet/film.In the above general formula D is constant but L, T & W are variables.For any value of L, T & W the total consumption of raw material for 1000 pieces of poly bags can be estimated by above general formula for a definite type of bag by following the method shown in the sample calculation.For PP , D= Density =0.90gm/cc,for LDPE, D=Density=0.91gm/cc & for LLDPE ,D=Density=0.92gm/cc .

8 Printed Lebel	1) Satin/Paper Ribbon	Length of Label (cm) x Width of Label (cm) x 1.05 x Number of Label (sq.m) 100 x 100
	2) Printing Ink	2 gm/Sq.m x Area of Product in sq.m x Number of Label
		Sample Calculation : Say, Length of Label=10 cm, Width of Label= 5cm. Number of Label=1000pcs. Then, Total Consumption of Satin ribbon=(10 x 5x 1.05x1000)/(100x100)=5.25 sq.m Total Consumption of Printing Ink =2 gm/sq.m x (10 x 5 x 1000)/(100x100)=10 gm (All consumption include wastage)

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Input-Output Coefficient For M/S. Ashraf Plastic & Label

Sl	Name of Product & Unit	Raw Materials used	Unit of Measure	Net Weight	Wastage	Gross Weight
1	Top Plastic Hanger Size :10", Unit : 12 pcs Weight of 12 pcs=120	a) Thermoplastic Moulding Compound b) Pigment	gm gm	118.8 1.2	5% 5%	124.74 1.26
2	Top Plastic Hanger Size :14", Unit : 12 pcs Weight of 12 pcs=204	a) Thermoplastic Moulding Compound b) Pigment	gm gm	201.96 2.04	5% 5%	212.058 2.142
3	Top Plastic Hanger Size :15", Unit : 12 pcs Weight of 12 pcs=304	a) Thermoplastic Moulding Compound b) Pigment	gm gm	253.44 2.56	5% 5%	266.112 2.688
4	Top Plastic Hanger Size :17", Unit : 12 pcs Weight of 12 pcs=336	a) Thermoplastic Moulding Compound b) Pigment	gm gm	332.64 3.36	5% 5%	349.272 3.528
5	Top Hanger With Metal Hook Size : 33cm, Unit : 12 pcs Weight of 12 pcs=240	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	190.08 1.92 12	5% 5% Nil	199.584 2.016 12
6	Top Hanger With Metal Hook Size : 40cm, Unit : 12 pcs Weight of 12 pcs=264	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	213.84 2.16 12	5% 5% Nil	224.532 2.268 12
7	Top Hanger With Metal Hook Size : 41cm, Unit : 12 pcs Weight of 12 pcs=276	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	225.72 2.28 12	5% 5% Nil	237.006 2.394 12
8	Top Hanger With Metal Hook Size : 42cm, Unit : 12 pcs Weight of 12 pcs=540	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	487.08 4.92 12	5% 5% Nil	511.434 5.166 12
9	Top Hanger With Metal Hook Size : 44.5cm, Unit : 12 pcs Weight of 12 pcs=276	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	225.72 2.28 12	5% 5% Nil	237.006 2.394 12
10	Top Hanger With Bar and Metal Hook Size :40cm, Unit : 12 pcs Weight of 12 pcs=588	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	534.6 5.4 12	5% 5% Nil	561.33 5.67 12
11	Top Hanger With Bar and Metal Hook Size :42cm, Unit : 12 pcs Weight of 12 pcs=444	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	392.04 3.96 12	5% 5% Nil	411.642 4.158 12
12	Metal Hook Mon Hanger Size :30cm, Unit : 12 pcs Weight of 12 pcs=180	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	130.68 1.32 12	5% 5% Nil	137.214 1.386 12
13	Metal Hook Mon Hanger Size :38cm, Unit : 12 pcs Weight of 12 pcs=372	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	320.76 3.24 12	5% 5% Nil	336.798 3.402 12
14	Metal Hook Halo Hanger Size :41cm, Unit : 12 pcs Weight of 12 pcs=372	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	320.76 3.24 12	5% 5% Nil	336.798 3.402 12
15	Metal Hook Halo Hanger Size :45cm, Unit : 12 pcs Weight of 12 pcs=612	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	570.24 5.76 12	5% 5% Nil	598.752 6.048 12
16	Metal Hook No Hanger Size :33cm, Unit : 12 pcs Weight of 12 pcs=288	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	237.6 2.4 12	5% 5% Nil	249.48 2.52 12
17	Metal Hook No Hanger Size :47cm, Unit : 12 pcs Weight of 12 pcs=516	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm gm Pcs	415.8 4.2 12	5% 5% Nil	436.59 4.41 12
18	Top Plastic Hanger Size :11", Unit : 12 pcs Weight of 12 pcs=234	a) Thermoplastic Moulding Compound b) Pigment	gm gm	231.66 2.34	5% 5%	243.243 2.457

(মুহম্মদ আফজালুর রহমান)
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Input-Output Coefficient For M/S. Ashraf Plastic & Label

Sl	Name of Product & Unit	Raw Materials used	Unit of Measure	Net Weight	Wastage	Gross Weight
19	Set Hanger Size :14", Unit : 12 pcs Weight of 12 pcs=360	a) Thermoplastic Moulding Compound b) Pigment	gm gm	356.4 3.6	5% 5%	374.22 3.78
20	Bucket Hanger Size :12", Unit : 12 pcs Weight of 12 pcs=210	a) Thermoplastic Moulding Compound b) Pigment	gm gm	207.9 2.1	5% 5%	218.295 2.205
21	Metal Hook Hanger with Clip Size :10", Unit : 12 pcs Weight of 12 pcs=456	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook d) Metal Clip	gm gm Pcs Pcs	344.52 3.48 12 24	5% 5% Nil Nill	361.746 3.654 12 24
22	Metal Hook Hanger with Clip Size :30cm, Unit : 12 pcs Weight of 12 pcs=240	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook d) Metal Clip	gm gm Pcs Pcs	237.6 2.4 12 24	5% 5% Nil Nill	249.48 2.52 12 24

Name of Product	Raw Material	Colour	Consumption		
			Net (Gm)	Wastage	Gross (Gm)
Woven label, Unit: One Sq. meter	Polyester Textured Yarn	2	162.97	9%	177.64
Woven label Unit: One Sq. meter	Polyester Textured Yarn	3	194.67	9%	212.19
Woven label Unit: One Sq. meter	Polyester Textured Yarn	4	214.62	9%	233.94
Woven label Unit: One Sq. meter	Polyester Textured Yarn	5-7	263.37	9%	287.07
Woven label Unit: One Sq. meter	Polyester Textured Yarn	8 and above	326.6	9%	355.99

Note: Input-Output co-efficient must be revised under the following circumstances:

1. If production is changed.
2. If abnormal situation arises, such as severe load shading, insufficient supply of natural gas etc.
3. If technology is changed.
4. If product quality is changed according to the buyers demand.
5. If stakeholder arises any logical dispute about any Co-efficient through association.
6. If BMRE is done in the factory.
7. Under any logical circumstances the authority reserves the right to amend or cancel the issued Co-efficient at any time.
8. This Co-efficient is applicable for 3 years from the date of issue.
9. After issuing this Co-efficient previous all Co-efficient will be invalid.

16-2-18

15/02/18
(মুহাম্মদ আফজালুর রহমান)
সেক্টর স্পেশালিষ্ট
শুল্ক রেয়াত ও প্রত্যর্পণ পরিদপ্তর (ডেডো)
ঢাকা।

26/02/18

19/02/18
সহকারী পরিচালক
শুল্ক রেয়াত ও প্রত্যর্পণ পরিদপ্তর
ঢাকা।

22/02/2018