

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
অক্ষয়কুমাৰ ও প্রত্যৰ্থী পরিচালক
চট্টগ্রাম শমিতি ভবন(৬ষ্ঠ ও ৭ম তলা),
৩২, তোপখানা রোড, ঢাকা-১০০০।

নথি নং-০৯/ডেডে/সহগ/২০১৪/২৬৯/ ২০৩ ও—

তারিখ ০১ | ৩ | ১৫

শ্রেণী: মহা-পরিচালক

মহাপরিচালক
মেসার্স অধ্যাত্ম প্রস্তিক এন্ড লেবেল
৮৭৭, গাজীগাঁও, বাইপাইল,
সাতগাঁও, ঢাকা।

বিষয়: আবেদনের পরিপ্রেক্ষিতে সহগ জারীকরণ।

স্থ: : আবেদন নং ২২/০৭/২০১৪ তারিখের আবেদন।

আবেদনের আবেদনের পরিপ্রেক্ষিতে প্রতিটানটি বরীপ করে জরীপে প্রাপ্ত তথ্যের ক্ষেত্রে সহগ প্রবান্ন করা হয়েছে।
প্রদীপ সহসের কপি প্রয়োজনীয় কার্যক্রমের জন্য এ পত্রে সাবে সংযুক্ত করে প্রেরণ করা হলো।

সংযুক্তি: ০৩ (তিনি) পাতা।



মুন্ডু আকতার দিনা
সহকারী পরিচালক
মহাপরিচালকের প্রক্ষেপ।

তারিখ:

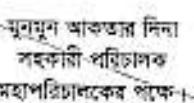
নথি নং-০৯/ডেডে/সহগ/২০১৪/২৬৯/

অনুলিপি সহযোগিতা ও প্রযোজনীয় কার্যক্রমের জন্য।

১। কমিশনার, কার্বনাস বন্ড কমিশনারেট, ৩৪২/১, সেওনবাগিচা, ঢাকা।

সংযোগস্থ জন্য-

- ক) শার্ট ফাইল, ঢেড়ো, ঢাকা।
খ) অফিস কপি, ঢেড়ো, ঢাকা।



মুন্ডু আকতার দিনা
সহকারী পরিচালক
মহাপরিচালকের প্রক্ষেপ।

Government of the People's Republic of Bangladesh
 Duty Exemption and Drawback Office
 Chittagong Samity Bhawan
 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 = $2 \times 1000 \times L \times W \times T \times D \text{gm} - 5\% \text{Wastage}$ 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=($2 \times 1000 \times 100 \times 50 \times 0.005$ $\times 0.90 \times 1.05 \text{gm}=47250 \text{gm}=47.25 \text{kg}$)
2) Printed Poly Bag. (One to four colour) Unit : 1000pcs	1) PP/LLDPE/LDPE 2)Flexo print Ink 3)Thinner/Reducer	PP Consumption = $2 \times 1000 \times L \times W \times T \times D \text{gm} - 7\% \text{Wastage}$ 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=($2 \times 1000 \times 100 \times 50 \times 0.005$ $\times 0.90 \times 1.07 \text{gm}=48150 \text{gm}=48.15 \text{kg}$) 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 = $2 \times 1000 \times (L+5\text{cm}) \times (W) \times T \times D \text{gm} - 8\% \text{Wastage}$ 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=($2 \times 1000 \times 105 \times 50 \times 0.005$ $\times 0.90 \times 1.08 \text{gm}=51030 \text{gm}=51.03 \text{kg}$) 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 4 colour) Unit : 1000pcs	1) PP/LLDPE/LDPE 2)Flexo print Ink 3)Thinner/Reducer	PP Consumption = $2 \times 1000 \times (L+5\text{cm}) \times (W) \times T \times D \text{gm} + 8\% \text{Wastage}$ 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=($2 \times 1000 \times 105 \times 50 \times 0.005$ $\times 0.90 \times 1.08 \text{gm}=51030 \text{gm}=51.03 \text{kg}$) 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)Flexo print Ink 4)Thinner/Reducer	PP Consumption = $2 \times 1000 \times (L+5\text{cm}) \times (W) \times T \times D \text{gm} - 8\% \text{Wastage}$ 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=($2 \times 1000 \times 102.5 \times 50 \times 0.005$ $\times 0.90 \times 1.08 \text{gm}=49815 \text{gm}=49.815 \text{kg}$) 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) Flexo print Ink 3) Thinner/Reducer	PP Consumption = $2 \times 1000 \times L \times W \times T \times D \text{gm} + 8\% \text{Wastage}$ 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=($2 \times 1000 \times 100 \times 50 \times 0.005$ $\times 0.90 \times 1.08 \text{gm}=48160 \text{gm}=48.6 \text{kg}$) 33gm(With Wastage) 99 gm(With Wastage)
7) Printed Hanger type poly Bag. (1 to 4 colour) Unit : 1000 pcs	1) PP/LLDPE/LDPE 2) Flexo print Ink 3) Thinner/Reducer	PP Consumption = $2 \times 1000 \times L \times W \times T \times D \text{gm} + 7\% \text{Wastage}$ 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=($2 \times 1000 \times 100 \times 50 \times 0.005$ $\times 0.90 \times 1.07 \text{gm}=48150 \text{gm}=48.15 \text{kg}$) 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 Label	1) Satin/Paper/ Ribbon 2) Printing Ink	Length of Label (cm) x Width of Label (cm) x 1.05 x Number of Label (sq.m)
		100 x 101 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=5 cm, Number of Label=1000pcz. Then, Total Consumption of Satin Ribbon=($10 \times 5 \times 1.05 \times 1000)/(100 \times 100)=5.25 \text{sq.m}$ Total Consumption of Printing Ink = $2 \text{ gm/sq.m} \times (10 \times 5 \times 1000)/(100 \times 100)=10 \text{ gm}$ (All consumptions include wastage)

Ahmed

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 Duty Exemption and Drawback Office
 Chittagong Sanitary Bhawan
 32, Tophkhana Road, Dhaka

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=129	a) Thermoplastic Moulding Compound b) Pigment	gm	118.5	5%	124.75
2	Top Plastic Hanger Size : 14", Unit : 12 pcs Weight of 12 pcs=204	a) Thermoplastic Moulding Compound b) Pigment	gm	201.5	5%	217.55
3	Top Plastic Hanger Size : 15", Unit : 12 pcs Weight of 12 pcs=284	a) Thermoplastic Moulding Compound b) Pigment	gm	253.14	5%	268.512
4	Top Plastic Hanger Size : 17", Unit : 12 pcs Weight of 12 pcs=356	a) Thermoplastic Moulding Compound b) Pigment	gm	332.0	5%	349.272
5	Top Hanger With Metal Hook Size : 33cm, Unit : 12 pcs Weight of 12 pcs=248	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	190.5	5%	199.565
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	152	5%	201.6
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	213.54	5%	224.592
8	Top Hanger With Metal Hook Size : 42cm, Unit : 12 pcs Weight of 12 pcs=243	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	225.72	5%	237.008
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	225.72	5%	237.008
10	Top Hanger With Bar and Metal Hook Size : 46cm, Unit : 12 pcs Weight of 12 pcs=588	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	534.6	5%	581.33
11	Top Hanger With Bar and Metal Hook Size : 47cm, Unit : 12 pcs Weight of 12 pcs=444	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	392.84	5%	431.542
12	Metal Hook Hanger Size : 33cm, Unit : 12 pcs Weight of 12 pcs=180	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	3.16	5%	4.158
13	Metal Hook Hanger Size : 38cm, Unit : 12 pcs Weight of 12 pcs=372	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	3.24	5%	3.89
14	Metal Hook Hanger Size : 41cm, Unit : 12 pcs Weight of 12 pcs=372	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	3.24	5%	3.402
15	Metal Hook Hanger Size : 45cm, Unit : 12 pcs Weight of 12 pcs=612	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	5.76	5%	6.048
16	Metal Hook No Hanger Size : 32cm, Unit : 12 pcs Weight of 12 pcs=288	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook	gm	27.6	5%	30.48
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	415.8	5%	459.55
18	Top Plastic Hanger Size : 11", Unit : 12 pcs Weight of 12 pcs=234	a) Thermoplastic Moulding Compound b) Pigment	gm	251.66	5%	263.242

Revised
16/2/75

ABDUL KARIM (Signature)
 C.R.D. Commissioner
 06/07/1975 (Date)

MD. ABDUL KARIM (Signature)
 C.R.D. Commissioner
 06/07/1975 (Date)

12/07/1975
 12/07/1975

Government of the People's Republic of Bangladesh
 Duty Exemption and Drawback Office
 Chittagong Subunit Bhawan
 32, Tukkhana Road, Dhaka

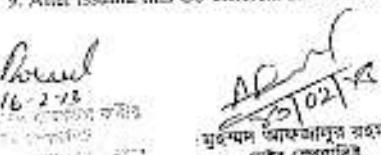
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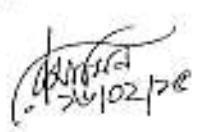
Sl	Name of Product & Unit	Raw Materials used	Unit of Measure	Net Weight	Wastage	Gross Weight
19	Set Hanger Size : 14", Unit : 12 pcs Weight of 12 pcs = 360	a) Thermoplastic Moulding Compound b) Pigment	gms	356.4	5%	374.22
20	Birdie Hanger Size : 12", Unit : 12 pcs Weight of 12 pcs = 210	a) Thermoplastic Moulding Compound b) Pigment	gms	207.9	5%	210.295
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	gms	344.52	5%	361.746
22	Metal Hook Hanger with Clip Size : 20cm, Unit : 12 pcs Weight of 12 pcs = 240	a) Thermoplastic Moulding Compound b) Pigment c) Metal Hook d) Metal Clip	gms	237.6	5%	249.48

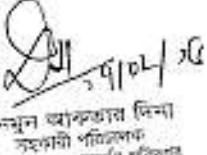
Name of Product	Raw Material	Colour	Consumption		
			Net (Gm)	Wastage	Gross (Gm)
Woven label, Unit: One Sq. meter	Polyester Textured Yarn	?	162.97	9%	177.64
Woven label Unit: One Sq. meter	Polyester Textured Yarn	?	194.67	9%	212.19
Woven label Unit: One Sq. meter	Polyester Textured Yarn	?	214.62	9%	233.94
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 shedding, 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.


 16/2/12
 মুদ্রণ আয়োজন সংস্থান
 সেক্টর প্রযোগিতা
 ও কোড ও কোড প্রক্রিয়া (পেটে
 প্রক্রিয়া)


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