

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

নথি নং-১০/ডেডো/সহগ/২০১১/২৭৮/৫০৫৪

তারিখ : ৮/৩০/১১

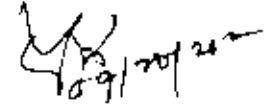
প্রেরক : মহা-পরিচালক
ডেডো, ঢাকা।

প্রাপক : ব্যবস্থাপনা পরিচালক
মেসার্স আপন প্লাস্টিক ইন্ডাস্ট্রি লিঃ
৮/২, বকসী বাজার লেন,
লালবাগ, ঢাকা।

বিষয় : আবেদনের পরিপ্রেক্ষিতে সহগ জারীকরণ।
সূত্র : আপনার আবেদন পত্র নং-নাই তাং-২৫/১১/১১

আপনার আবেদনের পরিপ্রেক্ষিতে প্রাপ্ত তথ্য ও রেফারেন্স সহগের ভিত্তিতে সহগ প্রণয়ন করা হয়েছে।
প্রণীত সহগের কপি প্রয়োজনীয় কার্যক্রমের জন্য এ পত্রের সাথে সংযুক্ত করে প্রেরণ করা হলো।

সংযুক্তি : ০৪(৮র) পাতা।



ড. মোঃ সহিদুল ইসলাম
মহা-পরিচালক (চঃদাঃ)
ফোন-৯৫৬-৮৫৪৪

ই-মেইল-dg.dedo@yahoo.com



নথি নং-১০/ডেডো/সহগ/২০১১/২৭৮/

তারিখ :

অনুলিপি, সদয় অবগতি ও কার্যক্রমের জন্য-

১। কমিশনার, কম্পিউন্স বন্ড কমিশনারেট, ৩৪২/১, সেগুনবাগিচা, ঢাকা।

সংরক্ষণের জন্য-

ক) গার্ড ফাইল, ডেডো, ঢাকা

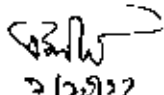
খ) অফিস কপি, ডেডো, ঢাকা

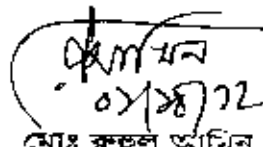
ইসহাইল হোসেন সিরাজী
অতিরিক্ত মহা-পরিচালক
মহা-পরিচালকের পক্ষে


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

Input-Output Co-efficient for Apon Plastic Industries

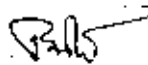
Sl	Name of Product & Unit	Raw Materials used	Unit of Measure	Gross Weight	Wastage %	Net Weight
1	Top Hanger With Metal Hook Size : 19". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	436.23	7.41	403.92
		b) Pigment	gm	4.41	7.41	4.08
		c) Metal Hook	Pcs	12.00	0.00	12.00
2	Top Hanger With Metal Hook Size : 17.5". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	307.93	7.41	285.12
		b) Pigment	gm	3.11	7.41	2.88
		c) Metal Hook	Pcs	12.00	0.00	12.00
3	Hollow Hanger With Metal Hook Size : 17.5". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	346.42	7.41	320.76
		b) Pigment	gm	3.50	7.41	3.24
		c) Metal Hook	Pcs	12.00	0.00	12.00
4	Top Plastic Hanger with Bar and Metal Hook Size : 18". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	628.69	7.41	582.12
		b) Pigment	gm	6.35	7.41	5.88
		c) Metal Hook	Pcs	12.00	0.00	12.00
5	Top Hanger With Metal Hook Size : 17.25". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	461.89	7.41	427.68
		b) Pigment	gm	4.67	7.41	4.32
		c) Metal Hook	Pcs	12.00	0.00	12.00
6	Bottom Hanger Size : 14". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	423.40	7.41	392.04
		b) Pigment	gm	4.28	7.41	3.96
		c) Metal Hook	Pcs	12.00	0.00	12.00
7	Plastic Top Hanger Size : 18". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	372.08	7.41	344.52
		b) Pigment	gm	3.76	7.41	3.48
8	Plastic Set Hanger Size : 14". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	397.74	7.41	368.28
		b) Pigment	gm	4.02	7.41	3.72
9	Plastic Set Hanger Size : 11". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	282.27	7.41	261.36
		b) Pigment	gm	2.85	7.41	2.64
10	Bottom Hanger with Metal Clip Size : 12". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	307.93	7.41	285.12
		b) Master Batch	gm	3.11	7.41	2.88
		c) Metal Clip	Pcs	24.00	0.00	24.00
11	Plastic Top Hanger Size : 14". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	220.26	7.41	203.94
		b) Pigment	gm	2.22	7.41	2.06
12	Plastic Hanger With Metal Hook and Metal Clip Size : 14". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	641.52	7.41	594.00
		b) Pigment	gm	6.48	7.41	6.00
		c) Metal Hook	Pcs	12.00	0.00	12.00
		d) Metal Clip	Pcs	24.00	0.00	24.00
13	Plastic Hanger With Metal Hook Size : 14". Unit : 12 pcs	a) Thermoplastic Moulding Compound	gm	359.26	7.41	332.64
		b) Pigment	gm	3.63	7.41	3.36
		c) Metal Hook	Pcs	12.00	0.00	12.00

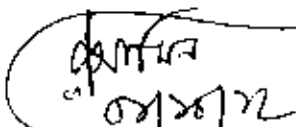


 ২/১১/১২
 মোঃ হোসেন হাশেম
 সহকারী সিনিয়র কর্মকর্তা
 ডায়েরি ও প্রকাশনা পরিদপ্তর
 ঢাকা।


 ০১/১১/১২
 মোঃ রশিদুল আলম
 সিনিয়র একাউন্ট্যান্ট
 টেক্সটাইল ও প্রকাশনা পরিদপ্তর


 মোঃ আনুস আলম
 সহকারী পরিচালক
 টেক্সটাইল ও প্রকাশনা পরিদপ্তর

Sl	Name of Product & Unit	Raw Materials used	Unit of Measure	Gross Weight	Wastage %	Net Weight
14	Plastic Hanger With Metal Hook and Bar Size: 13", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	205.29	7.41	190.08
		b) Pigment	gm	2.07	7.41	1.92
		c) Metal Hook	Pcs	12.00	0.00	12.00
15	Plastic Hanger With Metal Hook Size: 15", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	256.61	7.41	237.60
		b) Pigment	gm	2.59	7.41	2.40
		c) Metal Hook	Pcs	12.00	0.00	12.00
16	Plastic Hanger With Metal Hook Size: 13.25", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	218.12	7.41	201.96
		b) Pigment	gm	2.20	7.41	2.04
		c) Metal Hook	Pcs	12.00	0.00	12.00
17	Plastic Top Hanger Size: 17", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	359.25	7.41	332.64
		b) Pigment	gm	3.63	7.41	3.36
18	Plastic Top Hanger Size: 16", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	307.93	7.41	285.12
		b) Pigment	gm	3.11	7.41	2.88
19	Plastic Top Hanger Size: 16.5", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	359.25	7.41	332.64
		b) Pigment	gm	3.63	7.41	3.36
20	Plastic Top Hanger Size: 15", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	243.78	7.41	225.72
		b) Pigment	gm	2.46	7.41	2.28
21	Plastic Sca (5) Hanger Size: 10", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	513.22	7.41	475.20
		b) Pigment	gm	5.18	7.41	4.80
22	Plastic Hanger with Metal Clip Size: 10", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	340.01	7.41	314.82
		b) Master Batch	gm	3.43	7.41	3.18
		c) Metal Clip	Pcs	24.00	0.00	24.00
23	Plastic Top Hanger (Heavy) Size: 13", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	474.72	7.41	439.56
		b) Pigment	gm	4.80	7.41	4.44
24	Plastic Top Hanger (Heavy) Size: 17", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	859.64	7.41	795.96
		b) Pigment	gm	8.68	7.41	8.04
25	Plastic Double Hanger Size: 14", Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	384.91	7.41	356.40
		b) Pigment	gm	3.89	7.41	3.60
26	Plastic Bar Hanger Size: 40cm, Unit: 12 pcs	a) Thermoplastic Moulding Compound	gm	295.10	7.41	273.24
		b) Pigment	gm	2.98	7.41	2.76

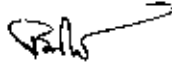

 ২১/০৮/১২
 মোঃ হোসেন (স্বাক্ষর)
 সহকারী পরিচালক
 বকু মেসার্স ও প্রদর্শন পরিদপ্তর
 ঢাকা।



 মোঃ আব্দুল আজীম
 সহকারী পরিচালক
 বকু মেসার্স ও প্রদর্শন পরিদপ্তর
 ঢাকা।

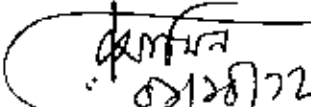
Government of the People's Republic of Bangladesh
Duty Exemption and Drawback Office
Chittagong Samity Bhaban
32, Topkhana Road, Dhaka


Input-Output Co-efficient for Apon Plastic Industries

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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.05 \text{gm} = 47,250 \text{gm} = 47.25 \text{kg}$
2) Printed Poly Bag. (One to four colour) Unit : 1000pcs	1) PP/LLDPE/LDPE/	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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.07 \text{gm} = 48,150 \text{gm} = 48.15 \text{kg}$
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 = $(2 \times 1000 \times 105 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{gm} = 51,030 \text{gm} = 51.03 \text{kg}$ Note: 5cm allowance for bottom gussets & flap folding. Total Adhesive Tape Consumption = $1000 \times w \times 5\% \text{wastage cm}$ Sample Calculation: Say, W = Width of Bag = 50cm Therefore, Total Adhesive Consumption = $1000 \times 50 \times 1.05 \text{cm} = 525.0 \text{m}$
4) Printed Pillow type poly bag with bottom gusset (1 to 4 colour) Unit : 1000pcs	1) PP/LLDPE/LDPE/	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 = $(2 \times 1000 \times 105 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{gm} = 51,030 \text{gm} = 51.03 \text{kg}$ 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)	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 = $(2 \times 1000 \times 102.5 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{gm} = 49,815 \text{gm} = 49.815 \text{kg}$ Note : 2.5cm allowance for gusset folding only 6.25 kg (with wastage)
6) Printed Poly Bag. (six colour) Unit : 1000 pcs.	1) PP/LLDPE/LDPE/	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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{gm} = 48,160 \text{gm} = 48.16 \text{kg}$


১৯/১১/১২
(মোঃ হাবিবুল রাসীদ)
সহকারী রাজস্ব কর্মকর্তা
ডকু মেসার্স ও প্রত্যর্পন পরিদপ্তর
ঢাকা।

Page 3


০১/১১/১২
মোঃ রুহুল আমিন
৩৪ একাউন্ট্যান্ট
ডকু মেসার্স ও প্রত্যর্পন পরিদপ্তর
ঢাকা।


মোঃ আব্দুল আশীম
সহকারী পরিচালক
ডকু মেসার্স ও প্রত্যর্পন পরিদপ্তর
ঢাকা।

Name of Product & Unit.	Raw Materials	General Formula for Raw Material consumption
7) Printed Hanger type poly Bag. (1 to 4 colour) Unit: 1000 pcs	1) PP,LLDPE,LDPE	PP Consumption = $2 \times 1000 \times L \times W \times T \times D \times \text{Gsm} + 7\% \text{Wastage}$ 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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.07 \text{gm} = 48150 \text{gm} = 48.45 \text{kg}$
8) Back Board/ Neck Board Unit: 1000 Pcs	Duplex Board	Length of Product x Width of Product x GSM of Raw Material x 100 x No. of Product = (Kg) $100 \times 100 \times 1000$ Sample Calculation: Say Length of Product=100cm Width of Product=5cm No. of Product=1000 Pcs GSM of Raw Material = 300 Then Total Consumption = $100 \times 5 \times 300 \times 1.06 \times 1000 = 1638000 \text{gm} = 1638 \text{kg}$ (All Consumptions include 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 .
The density of BOPP film D=density=0.90gm/cc.
If the bag is directly made of BOPP film (Imported or made in different factory) then the wastage in polybag processing will be reduced by 2.5% in all categories. That is, for product No. 1,2,3,4,5,6&7 the wastage is 2.5%, 4.5%, 5.5%, 5.5%, 5.5%, 5.5% & 4.5% respectively.

Note :

Input-Output co-efficient will 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. This Co-efficient is applicable for 2 years from the date of issue.
8. After issuing this Co-efficient previous Co-efficient will be invalid.


(Md. Haruhar Rashid)
Asst. Revenue Officer
DEDO


(Md. Ruhul Amin)
Cost Accountant
DEDO


(Md. Abdul Alim)
Asst. Director
DEDO