

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
তত্ত্ব রেয়াত ও প্রত্যাৰ্পণ পরিদপ্তর
চট্টগ্রাম সমিতি ভবন(৬ষ্ঠ ও ৭ম তলা),
০২, ভোপখারা রোড, ঢাকা-১০০০।

নথি নং-০৯/ডেডো/সহপ/২০১৪/০২/

প্রেরকঃ মহা-পরিচালক
ডেডো, ঢাকা।

তারিখঃ

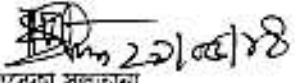
প্রাপকঃ ব্যবস্থাপনা পরিচালক
মেসার্স ট্রিমস ম্যানুফ্যাকচারিং লিঃ
শরীফপুর, মালেকের বাড়ী, জাতীয় বিশ্ববিদ্যালয়, টঙ্গী, গাজীপুর।

বিষয়ঃ আবেদনের পরিপ্রেক্ষিতে সহপ জারীকরণ।

সূত্রঃ আপনার আবেদন পত্র নং-নাই, তারিখ-১২/০১/১৪।

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

সংযুক্তিঃ ০১(এক) পাতা।


রেবেকা সুলতানা
সহকারী পরিচালক
মহা-পরিচালকের পক্ষে
তারিখঃ

নথি নং-০৯/ডেডো/সহপ/২০১৪/০২/

অনুলিপি সদয় অবগতি ও প্রয়োজনীয় কার্যক্রমের জন্যঃ

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

সংরক্ষণের জন্য-

ক) গার্ড ফাইল, ডেডো, ঢাকা।

খ) অফিস কপি, ডেডো, ঢাকা।

রেবেকা সুলতানা
সহকারী পরিচালক
মহা-পরিচালকের পক্ষে।

Government of the People's Republic of Bangladesh
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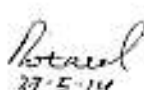
Input-Output Co-efficient for Trims Manufacturing Ltd.

Name of Product & Unit.	Raw Materials	General Formula for Raw Material consumption
1) Plain Poly Bag. Unit: 1000 pcs	1) PP/LLDPE/LDPE	PP/PE Consumption = $2 \times 1000 \times L \times W \times T \times D \times \text{gm} + 5\% \text{Wastage}$ 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: 1000 pcs	1) PP/LLDPE/LDPE 2) Flexoprint Ink 3) Thinner/Reducer	PP/PE Consumption = $2 \times 1000 \times L \times W \times T \times D \times \text{gm} + 7\% \text{Wastage}$ 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: 1000 pcs	1) PP/LLDPE/LDPE 2) Adhesive Tape (Width=15mm)	PP/PE Consumption = $2 \times 1000 \times (L+5\text{cm}) \times (W) \times T \times D \times \text{gm} + 8\% \text{Wastage}$ 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 = $1000 \times w + 5\% \text{wastage cm}$ 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: 1000 pcs	1) PP/LLDPE/LDPE 2) Flexoprint Ink 3) Thinner/Reducer	PP/PE Consumption = $2 \times 1000 \times (L+5\text{cm}) \times (W) \times T \times D \times \text{gm} + 8\% \text{Wastage}$ 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) Flexoprint Ink 4) Thinner/Reducer	PP/PE Consumption = $2 \times 1000 \times (L+5\text{cm}) \times (W) \times T \times D \times \text{gm} + 8\% \text{Wastage}$ 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) Flexoprint Ink 3) Thinner/Reducer	PP/PE Consumption = $2 \times 1000 \times L \times W \times T \times D \times \text{gm} + 8\% \text{Wastage}$ 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) 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/PE Consumption = $2 \times 1000 \times L \times W \times T \times D \times \text{gm} + 7\% \text{Wastage}$ 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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.07 \text{gm} = 48150 \text{gm} = 48.45 \text{kg}$ 22gm (With Wastage) 66gm (With Wastage)

Note: Thickness of the polybag should be of single sheet/run. 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 CPP/OPP/BOPP film D=density=0.90gm/cc.

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. After issuing this Co-efficient previous all Co-efficient will be invalid.


 27-5-14
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