

২০২০

সবাই মিলে মুসক দিন, দেশ উন্নয়নে অংশ নিন।  
বাহক মারকড/বেজিঃ ডাকঘোণে।

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

নথি নং-০৯/ডেডো/সহগ/২০১৩/৮৯/ ১২৭৮

তারিখঃ ০৭/০২/১৮

প্রেরকঃ মহা-পরিচালক

প্রাপকঃ ব্যবস্থাপনা পরিচালক  
মেসার্স প্যাকেজিং ওয়্যারহাউজ (বিডি) প্রাঃ লিঃ  
বঙ্গবন্ধু সড়ক, গৌরীপুর, আশুলিয়া, সাভার, ঢাকা।

বিষয়ঃ আবেদনের পরিশ্বেক্ষিতে সহগ জারীকরণ।

সূত্র : আপনার আবেদন পত্র নং-০০৫/ডেডো/০৩.১১.১৪, তারিখ-০৩/১১/১৪।

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

সংযুক্তিঃ ০২ (দুই) পাতা।

মুনমুন আকতার দিনা  
সহকারী পরিচালক  
মহা-পরিচালকের পক্ষে  
তারিখঃ ০৭/০২/১৮

নথি নং-০৯/ডেডো/সহগ/২০১৩/৮৯/

অনুলিপি সদয় অবগতি ও প্রয়োজনীয় কার্যক্রমের জন্যঃ

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

সংরক্ষণের জন্য-

- গার্ড ফাইল, ডেডো, ঢাকা।
- অফিস কপি, ডেডো, ঢাকা।

মুনমুন আকতার দিনা  
সহকারী পরিচালক  
মহা-পরিচালকের পক্ষে।

20/12/2018

**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 Packaging warehouse (BD) Private Limited**

Name of Product & Unit.	Raw Materials	General Formula for Raw Material consumption
1) Plain/Master Poly Bag. Unit: 1000 pcs	1) PP/PE (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: 1000 pcs	1) PP/PE (LLDPE/LDPE)  2) Flexoprint 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: 1000 pcs	1) PP/PE (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 = $1000 \times w + 5\% \text{wastage cm}$ 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/PE (LLDPE/LDPE)  2) Flexoprint 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/PE (LLDPE/LDPE)  2) Polypropylene (For Hanger) 3) Flexoprint 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/PE (LLDPE/LDPE)  2) Flexoprint 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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{gm} = 481600 \text{gm} = 48.6 \text{kg}$ 33gm (With Wastage) 99gm (With Wastage)
7) Printed Hanger type poly Bag. (1 to 4 colour) Unit: 1000 pcs	1) PP/PE (LLDPE/LDPE)  2) Flexoprint 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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.07 \text{gm} = 48150 \text{gm} = 48.45 \text{kg}$ 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.

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20/12/18

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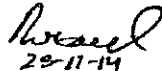
**Input-Output Co-efficient for Packaging warehouse (BD) Private Limited**

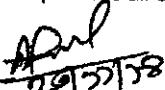
Name of Product & Unit.	Raw Materials	Consumption of Raw Material consumption
V-Fastener Tag pin Unit: 1000 pc	V-Fastener Tag pin	1000 pc (Including Wastage)
Printed Label Unit: 1000 Pcs	1. Narrow Fabrics Tafeta = $\text{Length of Label (cm)} \times \text{Width of Label (cm)} \times 1.05 \times \text{No. of Label} = \text{sq.m}$ 100 x 100 2. Thermal Ribbon = $\text{Length of Label (cm)} \times \text{Width of Label (cm)} \times 1.05 \times \text{Number of Label} = (\text{sq.m})$ 100 x 100	
Printed Barcode Sticker Unit: 1000 Pcs	1. Barcode Sticker = $\text{Length of Product (cm)} \times \text{Width of Product (cm)} \times 1.05 \times \text{No. of Product} = \text{sq.m}$ 100 x 100 2. Thermal Ribbon = $\text{Length of Product (cm)} \times \text{Width of Product (cm)} \times 1.05 \times \text{No. of Product} = (\text{sq.m})$ 100 x 100	

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 5 years from the date of issue.
9. After issuing this Co-efficient previous all Co-efficient will be invalid.

  
25-11-14  
(Md. Rezaul Kabir)  
Sector Specialist  
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25/11/14  
(Md. Afzalur Rahman)  
Sector Specialist  
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(Md. Ruhul Amin)  
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25/11/14  
(Md. Aminul Islam)  
Asst. Director  
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16/11/14  
(Khandker Nazimul Huque)  
Joint Director  
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