

১৫/০৫/১৫

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

তারিখঃ

নং

নথি নং-১০/ডেডো/সহপ/২০১০/১৭

৭/৩/১৫

তারিখ : ১৩/২/১৫

প্রাপক : মহা-পরিচালক
ডেডো, ঢাকা।


প্রাপক : ব্যবস্থাপনা পরিচালক
মেসার্স ইটাশিয়া (বিডি) লিমিটেড
জামিরদিয়া, মাষ্টারবাড়ী
ভালুকা, ময়মনসিংহ।

বিষয় : আবেদনের পরিপ্রেক্ষিতে সহপ জারীকরণ।

সূত্র : আপনার আবেদন পত্র নং-নাই তারিখ ৩১/০১/২০১০।

আপনার আবেদনের পরিপ্রেক্ষিতে রেফারেন্স সহগের ভিত্তিতে সহপ প্রদান করা হয়েছে। প্রণীত সহগের অন্যান্য প্রয়োজনীয় কার্যক্রমের জন্য এ পত্রের সাথে সংযুক্ত করে প্রেরণ করা হলো।

সংযুক্ত : ০৩(তিন) পাত।


(মোর্দ নাসির উদ্দিন)
মহা-পরিচালক।
ফোন নং-৯৫৬-৬৫৪৪
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তারিখ :

নথি নং-১০/ডেডো/সহপ/২০১০/১৭/

অনুগিপি প্রয়োজনীয় কার্যক্রমের জন্য-

০১। কমিশনার, কাস্টমস্ বন্ড কমিশনারেট, ৩৪২/১, সেগুনবাগিচা, ঢাকা।

সংরক্ষণের জন্য-

- ক) গার্ড ফাইল, ডেডো, ঢাকা : ৩
- খ) অফিস কপি, ডেডো, ঢাকা।

(প্রমীলা সরকার)
সহকারী পরিচালক।
ফোন নং-৯৫৬-১৭০০
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Input-Output Coefficient

For
Etasia (BD) Ltd.

Qty of Item & Unit.	Raw Materials	General Formula for Raw Material consumption
1) Plain Master Poly Bag Unit: 1000 pcs	1) PP/PE (LLDPE/LDPE)	<p>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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.05 \text{ gm} = 47250 \text{ gm} = 47.25 \text{ kg}$</p>
2) Printed Poly Bag (One to four colour) Unit: 1000 pcs	1) PP/PE (LLDPE/LDPE)	<p>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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.07 \text{ gm} = 48150 \text{ gm} = 48.15 \text{ kg}$</p>
3) Flap Type Poly bag with gussets in bottom & adhesive tape. Unit: 1000 pcs	2) Flexoprint Ink 3) Thinner/Reducer 1) PP/PE (LLDPE/LDPE)	<p>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 = $1000 \times 50 \times 1.05 \text{ cm} = 525.0 \text{ cm}$</p>
4) Printed Pillow type poly bag with bottom gusset. (1 to 4 colour) Unit: 1000 pcs	1) PP/PE (LLDPE/LDPE)	<p>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)</p>
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	<p>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)</p>
Printed Poly Bag. (1 colour) Unit: 1000 pcs	1) PP/PE (LLDPE/LDPE)	<p>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 = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.08 \text{ gm} = 48150 \text{ gm} = 48.6 \text{ kg}$ 33gm (With Wastage) 99gm (With Wastage)</p>
Printed Hanger type Bag. (1 colour) Unit: 1000 pcs	1) PP/PE (LLDPE/LDPE) 2) Flexoprint Ink 3) Thinner/Reducer	<p>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)</p>

Signature

Signature
 Etasia (BD) Ltd.
 Dhaka, Bangladesh

Poly Bag- er lock/Strip 6 colour) Unit : 1000 pcs	1) PP/PE (LLDPE/LDPE) 2) Flexoprint Ink 3) Thinner/Reducer 4) Zipper lock/Strip	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/cc) Therefore, Total PP Consumption = $(2 \times 1000 \times 100 \times 50 \times 0.005 \times 0.90) \times 1.07 \text{ gm} = 48150 \text{ gm} = 48.45 \text{ kg}$ 33gm (With Wastage) 99gm (With Wastage) Total zipper lock/Strip Consumption = $1000 \times W + 2\% \text{ Wastage}$ Sample Calculation: (Say, W=Width of Bag=50cm) Therefore, Zipper lock/Strip Consumption = $1000 \times 50 \times 1.02 = 51000 \text{ cm} = 510 \text{ meter}$
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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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Fasmina
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(Fasmina Hussain)
Director
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09/09/2020

Input-Output Coefficient
For
Etasia (BD) Ltd.

General Formula For Raw Material Consumption

Name of Product	Raw materials	
1. Gum Tape	Opp Gum Tape (Jumbo roll)	<p>Length (cm) x Width (cm).....=Sq meter + 4% wastage 100 x 100</p> <p>Sample Calculation : Let, L=Length of Gum tape=100cm, W=Width of tape=30 cm Then, Total Consumption=(100x50)/(100x100)+4%=0.52 Sq.Meter (All Consumptions include wastage)</p>

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