

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
শুল্ক রেয়াত ও প্রত্যর্পণ পরিদপ্তর
চট্টগ্রাম সমিতি ভবন
৩২, তোপখানা রোড, ঢাকা।

নথি নং-১০/ডেডো/সহগ/২০১০/১১১/

তারিখ

০৪/১১/১০

প্রেরক : মহা-পরিচালক
ডেডো, ঢাকা।

প্রাপক : ব্যবস্থাপনা পরিচালক
মেসার্স রেসি ফ্যাশন এন্ড প্যাকিং ইন্ডাস্ট্রি লিমিটেড
৩৭/১, উত্তর বেগুনবাড়ি
তেজগাঁও, ঢাকা।

বিষয়: আবেদনের পরিপ্রেক্ষিতে সহগ জারীকরণ।

সূত্র : আপনার পত্র নং-নাই তাং-১৪/১০/২০১০।

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

সংযুক্তি: ০৪(চার) পাতা।

মোঃ নাসির উদ্দিন
মহা-পরিচালক।
তারিখ

নথি নং-১০/ডেডো/সহগ/২০১০/১১১/

অনুলিপি সদয় অবগতি ও প্রয়োজনীয় কার্যক্রমের জন্য -

০১। কমিশনার, কাস্টমস বন্ড কমিশনারেট, ৩৪২/১, সেগুন বাগিচা, ঢাকা।

সংরক্ষণের জন্য -

৬) গার্ড ফাইল, ডেডো, ঢাকা।

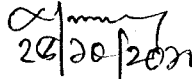
ট) অফিস কপি, ডেডো, ঢাকা।

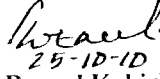
শামীমা আক্তার
উপ-পরিচালক
মহা-পরিচালকের পক্ষে।

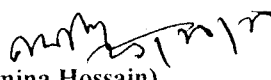
**Input-Output Co-Efficient
For
Racy Fashion & Packagnig Ind. Ltd.**

Name of Product, Size & Unit	Raw Materials	Unit of Measurement	Consumption		
			Net	Wastage	Gross
Elastic Size : 1 Inch (Width) Unit : 144 Yd.	1. Rubber Thread 2. Polyester Textured Yarn/ Polyester Filament Yarn	Kg Kg	0.6408 1.4688	5% 5%	0.6728 1.5422

Note : According to size of Elastic consumption of raw materials will be varied


20/10/2021
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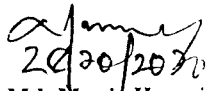

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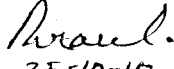

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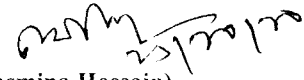
**Input-Output Co-efficient
FOR
Racy Fashion & Packagnig Ind. Ltd.**

Sl. No.	Name of Product	Name of Raw Materials	Unit	Consumption of Raw Materials			
				Actual	Shrinkage	Wastage (%)	Gross
1	100% Spun Polyester Sewing Thread in Cone. Count : 20/2 Length : 3000 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	177.160	2.50%	1.50%	184.246
		b) Silicon oil	Gram	5.770	Nil	0.50%	5.799
2	100% Spun Polyester Sewing Thread in Cone. Count : 20/3 Length : 2000 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	177.160	2.50%	1.50%	184.246
		b) Silicon oil	Gram	5.770	Nil	0.50%	5.799
3	100% Spun Polyester Sewing Thread in Cone. Count : 40/2 Length : 4000 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	118.110	2.50%	1.50%	122.834
		b) Silicon oil	Gram	3.850	Nil	0.50%	3.869
4	100% Spun Polyester Sewing Thread in Cone. Count : 40/3 Length : 4000 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	177.160	2.50%	1.50%	184.246
		b) Silicon oil	Gram	5.770	Nil	0.50%	5.799
5	100% Spun Polyester Sewing Thread in Cone. Count : 50/2 Length : 4000 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	94.050	2.50%	1.50%	97.812
		b) Silicon oil	Gram	3.060	Nil	0.50%	3.075
6	100% Spun Polyester Sewing Thread in Cone. Count : 60/2 Length : 4000 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	78.380	2.50%	1.50%	81.515
		b) Silicon oil	Gram	2.560	Nil	0.50%	2.573
7	100% Spun Polyester Sewing Thread in Cone. Count : 30/3 Length : 3000 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	177.160	2.50%	1.50%	184.246
		b) Silicon oil	Gram	5.770	Nil	0.50%	5.799
8	100% Spun Polyester Sewing Thread in Cone. Count : 60/3 Length : 4000 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	118.110	2.50%	1.50%	122.834
		b) Silicon oil	Gram	3.850	Nil	0.50%	3.869
9	100% Spun Polyester Sewing Thread in Cone. Count : 20/4 Length : 1500 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	177.160	2.50%	1.50%	184.246
		b) Silicon oil	Gram	5.770	Nil	0.50%	5.799
10	100% Spun Polyester Sewing Thread in Cone. Count : 20/9 Length : 500 Meter	a) 100% Spun Polyester Thread in Hank/Cone	Gram	133.000	2.50%	1.50%	138.320
		b) Silicon oil	Gram	4.330	Nil	0.50%	4.352

Note : The raw materials consumption will be varied as per length of cone.


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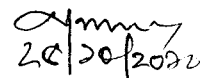

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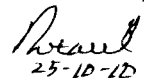

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Input-Output Coefficient
For
Racy Fashion & Packagnig Ind. Ltd.

Name of Product & Unit.	Raw Materials	General Formula for Raw Material consumption
1) Plain 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 : 1000pcs	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 : 1000pcs	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 : 1000pcs	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 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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Input-Output Co-efficient
For
Racy Fashion & Packagin Ind. Ltd.

Name of Product	Raw materials	General Formula For Raw Material Consumption
1) Hang Tag/Paper Band/ Price Tag/ Bar Code Size Tag/Photo Inley/ Photo Card Unit: 1000 Pcs	1) Duplex Board/Art Card 2) Printing Ink Sample Calculation : Say, Length of Product = 10cm, Width of Product = 5cm, No. of Product = 1000 pcs GSM of Raw Material = 300 Then, Total Consumption of Printing Ink = $4.33 \text{ gm/sq. m} \times (10 \times 5 \times 1000) / (100 \times 100) \text{ sq. m} = 21.65 \text{ gm}$. (All consumptions include wastage)	Length of Product (cm) x Width of Product (cm) x GSM of raw material (paper) x 1.04 x Number of Product = (Kg) $100 \times 100 \times 1000$ 4.33 gm/sq. m x Area of Product in sq. m x Number of Product Sample Calculation : Say, Length of Product = 10cm, Width of Product = 5cm, No. of Product = 1000 pcs GSM of Raw Material = 300 Then, Total Consumption of Raw Material = $(10 \times 5 \times 300 \times 1.04 \times 1000) / (100 \times 100 \times 1000) = 1.56 \text{ kg}$ Total Consumption of Printing Ink = $4.33 \text{ gm/sq. m} \times (10 \times 5 \times 1000) / (100 \times 100) \text{ sq. m} = 21.65 \text{ gm}$. (All consumptions include wastage)
2. Back Board/Neck Board Unit: 1000 Pcs	Duplex Board	Length of Product x Width of Product x GSM of Raw Material x 1.06 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 = $(100 \times 5 \times 300 \times 1.06 \times 1000) / (100 \times 100 \times 1000) = 15.9 \text{ Kg}$. (All Consumptions include wastage)
3. Tissue Paper Unit: 1000 Pcs	Tissue Paper	Length of Product x Width of Product x GSM of Raw Material x 1.04 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 = 25 Then, Total Consumption = $(100 \times 5 \times 25 \times 1.04 \times 1000) / (100 \times 100 \times 1000) = 1.32 \text{ Kg}$. (All Consumptions include wastage)

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