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TECHNICAL DATA SHEET

BIORIENTED POLYPROPYLENE FILM TWO SIDE HEAT SEALABLE ONE- SIDE TREATED

PGBTF

1. Layer 1-TerPolymer
2. Layer 2- Homopolymer
3. Layer 3- Terpolymer with low coefficient

Uses Coextruded film of low sealing temperature and very low coefficient of friction designed for printing, lamination with other film or to be used as single layer. Optimum performance in vertical and horizontal high speed packaging machines, good moisture barrier, very good gloss and transparency. Used in food packaging, such as Cookies, snacks, potato chips and others.

TECHNICAL SPECIFICATIONS

PROPERTIES	UNITS	VALUES				TEST CONDITIONS
Thickness	mil	0.59	0.67	0.79	0.98	
	micron	15	17	20	25	DIN 53370
Unit Weight	lb/ream	8.4	9.5	11.2	14.0	ASTM D 2673
	gms/m ²	13.7	15.5	18.2	22.8	DIN 53352
Yield	in ² /lb	51,500	45,400	38,500	31,000	ASTM D2673
	m ² /kg	73.3	64.6	54.9	44.0	DIN 53352
Coefficient of Friction NT/NT		0.23				ASTM D 1894- E / DIN 53375
Treatment Level	dynes/ cm	38				ASTM 2578
Seal Strength	gms/inch	333	417	417	417	IMP 01, 234°F, 1 seg, 14 psi IMP 01, 112°C, 1 seg, 1 bar
	N/15 mm	2.0	2.5	2.5	2.5	
Seal Initial Temperature (SIT) NT/NT	°F	221				IMP 03
	°C	105				
Dimensional Stability MD TD	%	-3.5				IMP02, 248 °F, 5 min IMP02, 120 °C, 5 min
	%	-1.5				
Haze	%	1.5	1.7	1.8	1.9	ASTM D 1003
Gloss (45°)		90				ASTM D 2457
Tensile Strength MD TD	lb/in ²	19,000				ASTM D 882 DIN 53455
	N/mm ²	130				
	lb/in ²	34,000				ASTM D 882 DIN 53455
	N /mm ²	240				
Elongation at break MD TD	%	200				ASTM D 882
	%	60				
Water Vapor Transmission Rate	gm/100in ² /day	0.55	0.52	0.48	0.45	ASTMD 1249F
	gm/m ² /day	8.5	8.	7.5	7.0	

MD Machine direction

TD Transverse direction

NOTE:



The above-mentioned data have been obtained using standard test procedures on defined specimens, and are provided in good faith. These results should therefore be regarded only as a general guide to material properties. It is for the customer to determine / decide a product's suitability for his / her own particular purpose. **IMPEX GLOBAL FILMS** does not claim and responsibility of the product for any particular purpose.