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TECHNICAL DATA SHEET

BIORIENTED POLYPROPYLENE FILM FOR OVERWRAPPING

PG ST

Bioriented polypropylene film for overwrapping two- side heat sealable & non- treated

1. Layer 1- Copolymer without surface treatment
2. Layer 2- Homopolymer
3. Layer 3- Terpolymer with low sealing temperature

Coextruded film designed for overwrapping, low sealing temperature in inner layer; not apt for printing.
 Excellent performance in horizontal and vertical packaging machines.

TECHNICAL SPECIFICATIONS

PROPERTIES	UNITS	VALUES	TEST CONDITIONS
Thickness	mil	0.79	DIN 53370
	micron	20	
Unit Weight	lb/ream	11.2	ASTM D 2673
	gms/m ²	18.2	DIN 53352
Yield	in ² /lb	38,500	ASTM D2673
	m ² /kg	54.9	DIN 53352
Kinetic, Coefficient of Friction NT/ NT		0.28	ASTM D 1894- E / DIN 53375
Seal Strength, opaque side	gms/inch N/15mm	417 2.5	IMP 01, 248°F, 1 seg, 14 psi IMP 01, 112°C, 1 seg, 1 bar
Seal Initial Temperature (SIT) CI/CI	° F ° C	221 105	IMP 03
Dimensional Stability			
MD	%	- 3.0	IMP 02, 248 °F, 5 min
TD	%	- 1.5	IMP 02, 120 °C, 5 min
Haze	%	1.6	ASTM D 1003
Gloss (45 °)		90	ASTM D 2457
Tensile Strength	lb/in ²	19000	ASTM D 882
MD	N/mm ²	130	DIN 53455
TD	lb/in ²	34000	ASTM D 882
	N/mm ²	240	ASTM D 882
Elongation at break			
MD	%	200	DIN 53455
TD	%	60	ASTM D 882
Water Vapor Transmission Rate	gms/100/in ² /day gms/m ² /day	0.48 7.5	ASTMD 1249 F

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.