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BIORIENTED POLYPROPYLENE FILM VERY LOW SEALING TEMPERATURE

TWO SIDE HEAT SEALABLE ONE-SIDE TREATED

PG UTS

Layer1- copolymer with surface treatment
 Layer2- Homopolymer
 Layer3- Terpolymer with low sealing temperature

Coextruded film of low sealing temperature for use in high speed machines. Excellent performance in flat end packaging machines renders a highly resistant seal. Designed for printing, lamination with other films or to be used as a single sheet. Good moisture barrier. Used in food packaging such as cookies, snacks, potato chips, and others.

TECHNICAL SPECIFICATIONS

PROPERTIES		UNITS	VALUES			TEST CONDITIONS
Thickness		mil	0.79	1.00	1.18	DIN 53370
		micron	20	25	30	
Unit Weight		lbs/ ream	11.2	14.0	16.8	DIN 53352
		gms/m ²	18.2	22.8	27.3	DIN 53352
Yield		in ² / lb	38,500	31,000	26,000	ASTM D2673
		m ² / kg	54.9	44.0	36.6	DIN 53352
Kinetic, Coefficient of Friction NT/ NT			0.30			DIN 53375
Treatment Level		dynes/ cm	38			ASTM D 2578
Seal Strength		gms/ inch	417	417	500	IMP 01, 234°F, 1 sec, 14 psi IMP 01, 112°C, 1 sec, 1 bar
		N/ 15 mm	2.5	3.0	3	
Seal Initial Temperature (SIT) CI/CI		°F	185			IMP 03
		°C	85			
Dimensional Stability	MD	%	-3.5			SIGD 0 02, 248 °F, 5 min
	TD	%	-1.5			SIGD 0 02, 120 °C, 5 min
Haze		%	1.8	1.9	2	ASTM D 1003
Gloss (45°)			90			ASTM D 2457
Tensile Strength	MD	lb/in ²	19000			ASTM D 882
		N/mm ²	130			DIN 53455
	TD	lb/in ²	34000			ASTM D 882
		N/mm ²	240			DIN 53455
Elongation at break	MD	%	200			ASTM D 882
	TD	%	60			DIN 53455
Water Vapor Transmission Rate		gms/100/ in ² / day	0.48	0.45	0.42	ASTMD 1249F
		gms/m ² / day	7.5	7	6.5	

MD Machine Direction

TD Transverse Direction

NT/NT Non Treated Side/Non Treated Side

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.