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TECHNICAL DATA SHEET

HIGH OPACITY WHITE PEARLISED BIORIENTED POLYPROPYLENE FILM
TWO SIDE HEAT SEALABLE, ONE SIDE TREATED

LB W

High Opacity White Pearlised BOPP Film, two sides heat sealable and one side treated.

1. Layer 1 - Surface treated copolymer
2. Layer 2 - Homopolymer
3. Layer 3 - White cavitated homopolymer
4. Layer 4 - Homopolymer
5. Layer 5 - Terpolymer with low sealing temperature

Technical Specifications

Properties		Units	Values		Test conditions
Thickness		mil	1.38	1.57	DIN 53370
		micron	35	40	
Unit Weight		lbs/ream	16.2	18.40	ASTM D 2673
		gms/m ²	26.3	30	DIN 53352
Yield		in ² /lb	26,700	23,400	ASTM D2673
		m ² /kg	38.0	33.30	DIN 53352
Kinetic Coefficient of Friction L3/ L1			0.40		ASTM D 1894- E DIN 53375
Treatment Level		dynes/ cm	38		ASTM D 2578
Seal Strength		gms/inch	330		IMP 234F, 1 seg,14 psi
		N/15 mm	2.0		IMP 112C, 1seg,14 bar
Seal Initial Temperature (SIT)		°F	221		IMP 03
		°C	105		
Dimensional Stability	MD	%	-4.0		IMP 248 °F, 5 min
	TD	%	-2.0		IMP 02, 120°C, 5 min
Opacity		%	85		ASTM D 1003
Gloss (45°)			80		ASTM D 2457
Tensile Strength	MD	lb/in ²	11,500		ASTM D 882
		N/mm ²	80		DIN 53455
	TD	lb/in ²	19,000		ASTM D 882
		N/mm ²	130		DIN 53455
Elongation at break	MD	%	130		ASTM D 882
	TD	%	50		DIN 53455

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.