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TECHNICAL DATA SHEET

WHITE PEARLESCENT CAVITATED BIORIENTED POLYPROPYLENE FILM
VERY LOW SEALING TEMPERATURE, TWO-SIDE SEALABLE, ONE SIDE TREATED

PB UTS

White pearlescent Bioriented polypropylene film, Very low sealing temperature, two side heat sealable, one side treated.

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

White cavitated coextruded film in its core layer with very low initial seal temperature. The very low initial seal temperature is on its non-treated side allowing its use in high speed packaging machines. Also, it allows very good sealing in flat end packaging machines. Used in food products such as cookies, snacks and like products.

Technical Specifications

Properties	Units	Values	Test Conditions
Thickness	mil	1.20	DIN 53370
	micron	30	
Unit Weight	lb/ream	12.60	ASTM D 2673
	gms/m ²	20.50	DIN 53352
Yield	in ² /lb	35.000	ASTM D2673
	m ² /kg	48.80	DIN 53352
Kinetic, Coefficient of Friction NT/ NT		0.40	ASTM D 1894- E DIN 53375
Treatment Level	dynes/cm	38	ASTM D 2578
Dimensional Stability	MD %	-4.0	IMP 02, 248°F, 5 min
	TD %	-2.0	IMP 02, 120°C,5 min
Seal Strength	gms/in	490	IMP 01, 248°F,1Seg,14 psi
	N/15 mm	3.0	IMP 01,120°C,1seg,1bar
Seal Initial Temperature (SIT) NT/ NT	°F	194	IMP 03
	°C	90	
Opacity	%	85	ASTM D 1003
Gloss (45°)		55	ASTM D 2457
Tensile Strength	lb/in ²	11,500	ASTM D 882
	MD N/mm ²	80	DIN 53455
	TD lb/in ²	19,000	ASTM D 882
	TD 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.

