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TECHNICAL DATA SHEET

METALLIZED BIORIENTED POLYPROPYLENE FILM ONE- SIDE HEAT SEALABLE

ME BTS

- Layer 1 - Metallized copolymer
- Layer 2 - Homopolymer
- Layer 3 - Terpolymer with low sealing temperature

Metallized film designed to be laminated with other films or to be used as a single layer, very low sealing temperature. Optimum uniformity of aluminium deposit, which ensures a very good barrier to water vapor and light. Used in food product packaging, such as potato chips, snacks, cereals and like products.

Technical Specifications

PROPERTIES	UNITS	VALUES				TEST CONDITIONS
Thickness	mil	0.59	0.67	0.79	0.98	DIN 53370
	micron	15	17	20	30	
Unit Weight	lb/ream	8.4	9.5	11.2	16.8	ASTM D 2673
	gms/m ²	13.7	15.5	18.2	27.3	DIN 53352
Yield	inch ² /lb	51,500	45,400	38,500	26,000	ASTM D2673
	m ² /kg	73.3	64.6	54.9	36.6	DIN 53352
Kinetic Coefficient of Friction NT/NT		0.45				ASTM D 1894- E / DIN 53375
Seal Strength	gms/inch	330	380	417	500	IMP 01, 234°F, 1 seg, 14 psi IMP 01, 112°C, 1seg, 1 bar
	N/15 mm	2.0	2.3	2.5	3.0	
Seal Initial Temperature (SIT) NT/NT	°F	221				IMP 03
	°C	105				
Dimensional Stability MD	%	-3.5				IMP 02, 248 °F, 5 min IMP 02, 120 °C, 5 min
	TD	-1.5				
Optical Density	%	2.2				MACBETH
Tensile Strength MD	lb/in ²	19,000				ASTM D 882
	N/mm ²	130				DIN 53455
	TD lb/in ²	34,000				ASTM D 882
	TD N/mm ²	240				DIN 53455
Elongation at break MD	%	200				ASTM D 882
	TD	60				
Water Vapor Transmission Rate	gms/100 in ² /day	0.05				ASTMD 1249F
	Gms/m ² /day	0.80				

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.