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TECHNICAL DATA SHEET

HIGH BARRIER METALLIZED BIORIENTED POLYPROPYLENE FILM

ONE- SIDE HEAT SEALABLE

ME H

- Layer 1 - Metallized side
- Layer 2 - Homopolymer
- Layer 3 – Copolymer

Metallized film designed to be treated in line on the non-metallized surface. It has an optimum uniformity of the aluminum deposit, thus ensuring a very good water vapor, oxygen and light barrier. It is used for double or triple lamination requiring corona treatment for the application of lacquer or adhesives.

Technical Specifications

Properties	Units	Values	Test conditions
Thickness	mil	0.67	DIN 53370
	micron	17	
Unit Weight	lb/ream	9.5	ASTM D 2673
	gms/m ²	15.5	DIN 53352
Yield	inch ² /lb	44,000	ASTM D2673
	m ² /kg	64.6	DIN 53352
Kinetic Coefficient of Friction NT/NT		0.45	ASTM D 1894- E / DIN 53375
Seal Strength	gms/inch N/15 mm	383	IMP 01, 234°F, 1 seg, 14 psi
		2.3	IMP 01, 112°C, 1 seg, 1 bar
Seal Initial Temperature (SIT) NT/NT	°F	245	IMP 03
	°C	118	
Dimensional Stability MD	%	-3.5	IMP 02, 248 °F, 5 min
	TD	%	IMP 02, 120 °C, 5 min
Optical Density	%	2.4	MACBETH
Tensile Strength	MD	lb/in ²	ASTM D 882
		N/mm ²	DIN 53455
	TD	lb/in ²	ASTM D 882
		N/mm ²	DIN 53455
Elongation at break	MD	200	ASTM D 882
	TD	60	
Water Vapor Transmission Rate	gms/100 in ² /day	0.01	ASTMD 1249F
	gms/m ² /day	0.15	
Oxygen Transmission Rate	Cc/100 in ² /day	1	ASTMD 1249F
	cc/m ² /day	15	ASTM D 3985

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.