



8708 W. Little York Road – Suite 170 Houston TX 77040 USA
 281-416-4449 Office or contact us info@impexglobalfilms.com

TECHNICAL DATA SHEET

ME PB WHITE PEARLESCENT BIORIENTED METALLIZED POLYPROPYLENE FILM

White pearlescent Bioriented polypropylene film, heat sealable, one- side sealable

1. Layer 1- Metallized copolymer with surface treatment
2. Layer 2-White cavitated homopolymer
3. Layer 3- Terpolymer with low sealing temperature

Cavitated and white coextruded film in its core layer, metallized, low sealing temperature. Designed for printing and lamination with other films or to be used as single layer.

Used as single layer in food product packaging such as snacks, ice cream and like products. Also used in laminations for cookies, snacks, and like products.

Technical Specifications

PROPERTIES	UNITS	VALUES	TEST CONDITIONS	
Thickness	mil	1.18	DIN 53370	
	micron	30		
Unit Weight	lbs/ream	12.6	ASTM D 2673	
	gms/m ²	20.5	DIN 53352	
Yield	in ² /lb	34300	ASTM D2673	
	m ² /kg	48.80	DIN 53352	
Kinetic Coefficient of Friction L3/ L1		0.5	ASTM D 1894- E DIN 53375	
Seal Strength	gms/inch	383	IMP 01, 234°F, 1 seg, 14 psi IMP 01, 112°C, 1 seg, 14 bar	
	N/15 mm	2.3		
Seal Initial Temperature (SIT) L3/ L1	°F	221	IMP 03	
	°C	105		
Dimensional Stability	MD	%	iMP 02, 248 °F, 5 min IMP 02, 120 °C, 5 min	
	TD	%		
Optical Density		2.3	ASTM D 1003	
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	%	ASTM D 882	
	TD	%		
Water Vapor Transmission Rate	gms/100in ² /day	0.06	ASTMD 1249F	
	gms/m ² / day	0.9		

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.