



RWPM

Technical Data Sheet

WHITE PEARLIZED, ONE SIDE METALLIZED BOPP FILM

PROPERTIES

- Excellent mechanical properties
- High yield and perfect aluminum adhesion
- Excellent light protection
- Excellent moisture and gas barrier properties
- Good slip & anti-static property
- Super white appearance on non-metallized

APPLICATIONS

- General overwrapping & suitable for cold seal purposes
- Printing (Rotogravure and Flexographic) & Lamination

Metallized Skin Layer
Metal Receptive Layer Treated Side
Internal Layer
White Voided Core
Internal Layer
Sealable Skin Layer

Technical Properties	Units		Typical Values	Method
Nominal Thickness	Micron		40	ROWAD
Unit Weight	gm/m ²		28.0	ROWAD
Yield	m ² /kg		35.70	ROWAD
Wetting Tension	dynes/cm		38	ASTMD2578
Optical Density			>2.6	X-RITE
C.O.F (FxF)			<0.3	ASTM D1894
Tensile Strength at Break	MD	N/mm ²	80	ASTM D882
	TD	N/mm ²	160	
Elongation at Break	MD	%	140	ASTM D882
	TD	%	40	
Heat Seal Strength	UT/UT	N/15mm	>2.5	ROWAD 130°C 1 Bar, 1 Sec
Dimensional Stability	MD	%	4.0	ROWAD 120°C, 5 Min/Air
	TD	%	2.0	
Heat Seal Range (Un-Treated Side)			115-140	ROWAD 1 Bar, 1 Sec
Water Vapor Transmission Rate	gm/m ² /24hrs		< 0.4	ASTM F1249 38 °C, 90% RH
Oxygen Permeability	cc/m ² /24hrs		< 40	ASTM D3985 23°C, 0% RH

MD: Machine Direction, TD: Transverse Direction, FxF: UTR/UTR

STORAGE AND HANDLING

In order to minimize deterioration of the level of surface treatment, storage temperature of below 30 °C is recommended for Heat sealable one side metallized films.

PRINTIBILITY/LAMINATION

It is strongly recommended for in line refreshment of metallized surface before processing the material.

FOOD CONTACT

Raw Material used for production of the film is approved by EU and FDA. Specific document and safety data sheet are available on request.

For more information, please contact:

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