



# RBM

# Technical Data Sheet

TRANSPARENT, BOTH SIDES HEAT SEALABLE, ONE SIDE METALLIZABLE  
BOPP FILM

## PROPERTIES

- Both sides heat sealable
- Excellent mechanical properties
- High transparency
- Suitable for food contact

## APPLICATIONS

- For metallization process
- Printing (Rotogravure and Flexographic) & Lamination

Metalizable Skin Layer

Core Layer

Sealable Skin Layer

Technical Properties	Units		Typical Values				Method	
Nominal Thickness	Micron		10	18	20	25	30	ROWAD
Unit Weight	gm/m <sup>2</sup>		9.1	16.38	18.20	22.75	27.30	ROWAD
Yield	m <sup>2</sup> /kg		109.9	61.05	54.95	43.95	36.63	ROWAD
Wetting Tension	dynes/cm		38 min				ASTM D2578	
Haze	%		2.6				ASTM D1003	
Gloss @45°	%		85				ASTM D2457	
C.O.F (FxF)			0.30				ASTM D1894	
Tensile Strength at Break	MD	N/mm <sup>2</sup>	140				ASTM D882	
	TD	N/mm <sup>2</sup>	260					
Elongation at Break	MD	%	180				ASTM D882	
	TD	%	60					
Heat Seal Strength	UT/UT	N/15mm	>2.2		>3.0		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)	°C		105-140				ROWAD 1 Bar, 1 Sec	
Water Vapor Transmission Rate	gm/m <sup>2</sup> /24hrs		4-8				ASTM F1249 38 °C,90% 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 both side treated films. The film should be conditioned at room temperature for at least 24 hours before use. RBM film is suitable for use up to 6 months from the date of production.

## TREATMENT INDICATION

The film is normally supplied with outside corona treatment. Inside corona treated or both sides treated film can also be supplied if requested.

## 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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