

**RMTS**

# Technical Data Sheet

ONE SIDE METALLIZED, TREATED SIDE SEALABLE, BOPP FILM

## PROPERTIES

- Good metal appearance
- Very good moisture and light barrier

## APPLICATIONS

- Suitable to protect light sensitive products
- Suitable for cold seal applications
- Thinner gauges used in lamination
- Thicker gauges used in mono web applications
- Good oxygen & water barrier



Technical Properties	Units		Typical Values		Method
Nominal Thickness	Micron		15	20	ROWAD
Unit Weight	gm/m <sup>2</sup>		13.65	18.20	ROWAD
Yield	m <sup>2</sup> /kg		73.26	54.95	ROWAD
Optical Density			2.2 ± 0.2		X-RITE
C.O.F (Nm x Nm)			<0.3		ASTMD-1894
Tensile Strength at Break	MD	N/mm <sup>2</sup>	140		ASTM D-882
	TD	N/mm <sup>2</sup>	260		
Elongation at Break	MD	%	180		ASTM D-882
	TD	%	60		
Dimensional Stability	MD	%	4.0		ROWAD 120°C, 5min/Air
	TD	%	2.0		
Heat Seal Strength	UT/UT	N/15mm	>2.2	>2.4	ROWAD 130°C 1 Bar, 1 Sec
Water Vapor Transmission Rate	gm/m <sup>2</sup> /24hrs		<0.8		ASTM F1249 38 °C, 90% RH
Oxygen Permeability	cc/m <sup>2</sup> /24hrs		≤80		ASTM D3985 23°C, 0% RH

MD: Machine Direction, TD: Transverse Direction, NmxNm: Non-Metallized/ Non-Metallized

## STORAGE AND HANDLING

In order to minimize deterioration of the level of surface tension, 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.