



Technical Data Sheet

RMLH

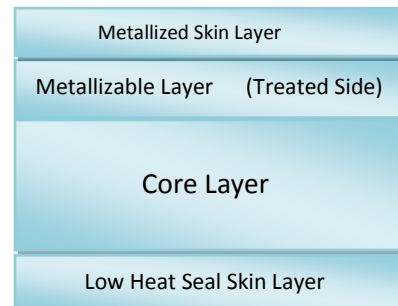
HIGH BARRIER, METALLIZED ONE SIDE, LOW HEAT SEALABLE ONE SIDE, BOPP FILM

PROPERTIES

- Good metal appearance
- High moisture and gas barrier property
- High light barrier property

APPLICATIONS

- Suitable to protect light, gas and moisture sensitive products
- Thinner gauges used in lamination
- Suitable for low heat sealable applications



Technical Properties	Units		Typical Values		Method
Nominal Thickness	Micron		18	20	ROWAD
Unit Weight	gm/m ²		16.38	18.20	ROWAD
Yield	m ² /kg		61.05	54.95	ROWAD
Optical Density			2.4 ± 0.2		X-RITE
C.O.F (FxF)			<0.3		ASTMD-1894
Tensile Strength at Break	MD	N/mm ²	140		ASTM D-882
	TD	N/mm ²	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
Heat Seal Range (Un-Treated)	°C		95 – 140		ROWAD 1Bar, 1 Sec
Water Vapor Transmission Rate	gm/m ² /24hrs		≤0.30		ASTM F1249 38 °C, 90% RH
Oxygen Permeability	cc/m ² /24hrs		≤30		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 tension, storage temperature of below 30 °C is recommended for Low Heat sealable one side metalized, High Barrier 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.