

# **Technical Data Sheet**

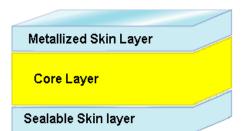
METALLIZED ONE SIDE, HEAT SEALABLE ONE SIDE, BOPP FILM

## **PROPERTIES**

- Good metal appearance
- Very good moisture and light barrier

## **APPLICATIONS**

- Suitable to protect light sensitive products
- Thinner gauges used in lamination
- Thicker gauges used in mono web applications
- Excellent Oxygen & Water Barrier



Technical Properties	U	Inits	Typical Values			Method
Nominal Thickness	М	icron	18	20	30	ROWAD
Unit Weight	gm/m²		16.38	18.2	27.3	ROWAD
Yield	m²/kg		61.05	54.95	36.63	ROWAD
Optical Density			2.0			X-RITE
C.O.F (FxF)			<0.4			ASTMD-1894
Tensile Strength at	MD	N/mm²	140			ASTM D-882
Break	TD	N/mm²		260		ASTIVI D-002
Elongation at Break	MD	%	180			ASTM D-882
	TD	%	60			
Dimensional Stability	MD	%	4.0		ROWAD 120°C,	
	TD	%	2.0			5min/Air
Heat Seal Strength	υτ/υτ	N/15mm	>2.2	>2.4	>3.0	
Heat Seal Range	°C		105 – 140			ROWAD
(Un-Treated)						1Bar, 1 Sec
Water Vapor	gm/m²/24hrs		<0.8			ASTM F1249
Transmission Rate						38 °C, 90% RH
Oxygen Permeability	cc/m²/24 hrs		<100			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 Heat sealable one side metalized films.

### **PRINTIBILITY/LAMINATION**

It is strongly recommended for in line refreshment of corona treatment 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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