Updated Mar-2017

Technical Data Sheet

RBTHC

TRANSPARENT, BOTH SIDES HEAT SEALABLE, ONE SIDE CORONA TREATED, HIGH C.O.F BOPP FILM

PROPERTIES

- Both sides heat sealable
- Excellent mechanical properties
- High transparency and high gloss
- High coefficient of friction
- Suitable for food contact

APPLICATIONS

- Printing (Rotogravure and Flexographic) & Lamination

Technical Properties	Units		Typical Values			Method
Nominal Thickness	Micron		18	20	25	ROWAD
Unit Weight	gm/m²		16.38	18.20	22.75	ROWAD
Yield	m²/kg		61.05	54.95	43.95	ROWAD
Wetting Tension	dynes/cm		38 min			ASTM D2578
Haze	%		2.6			ASTM D1003
Gloss @45 ˚	%		85			ASTM D2457
C.O.F (FxF)			0.50			ASTM D1894
Tensile Strength at Break	MD	N/mm²	140			ASTM D882
	TD	N/mm²	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/m²/24hrs		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. RBTHC 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:
Rowad Global Packaging Company, P.O. Box 14164, Dammam 31424, Kingdom of Saudi Arabia | T: +966 3 8122204 | F: +966 3 8121360