WSo

SOLID WHITE HEAT SEALABLE BOPP FILM

Description

Solid White, 5 Layers, Both Side Heat Sealable, One Side Corona Treated BOPP Film with Excellent Slip and Antistatic Properties for Printing & Lamination application. The corona treated side is specifically designed for excellent adhesion of inks and adhesive during conversion. Both sides exhibit excellent hot-tack and seal strength.

Applications

Solid White, 5 Layers, Both Side Heat Sealable, One Side Corona Treated Film For Printing and Lamination Application

Characteristics

- Excellent Opacity
- Brilliant White Appearance
- Good Light Protection
- Excellent Slip and Antistatic Properties
- Excellent Dimensional Stability
- Excellent Machinability
- Excellent Surface Treatment Retention
- Excellent Adhesion of Inks and Adhesive on Treated Side
- Excellent Mechanical Properties

INSTRUCTIONS

- Treatment is guaranteed for 3 months if stored at a temperature below 30°C and humidity 45% to 55%.
- Other properties of the film are guaranteed for 6 months from the date of production.
- Film should be allowed to reach operating room temperature 24 hours before use.
- Whilst every endeavour will be made to supply material in accordance with the quality of sample submitted or quoted for but guarantee can only be given for broad parameter compliance.
- It is recommended that stock should be used on a first-in, first-out basis.

*Available in Inside and Outside Corona Treatment, as per requirement of the customer

TECHNICAL DATA SHEET

PROPERTIES	WSo				UNITS		TEST CONDITIONS
PHYSICAL							
Thickness	18	20	30	40	µ		Internal Test Method
Grammage	17.1	19	28.5	38	gm/m²		
Yield	58.5	52.6	35	26.3	M²/Kg		
Wetting Tension	38	38	38	38	Dynes/cm		ASTM D2578
OPTICAL							
Opacity	50	50	50	50	%		IPAK Test Method
Gloss at 45° Angle	45	45	45	45	%		ASTM D2457
MECHANICAL							
Dynamic C.O.F (NT x NT)	0.3	0.3	0.3	0.3	-		ASTM D1894
Tensile Strength at Break	13	13	13	13	Kgf/mm²	MD	ASTM D882
	25	25	25	25	Kgf/mm²	TD	
Elongation at Break	160	160	160	160	%	MD	ASTM D882
	60	60	60	60	%	TD	
THERMAL							
Heat Shrinkage	4	4	3.5	3.5	%	MD	IPAK 120°C/05 min
	2	2	1.5	1.5	%	TD	
Heat Seal Range	105-140	105-140	105-140	105-140	°C		IPAK 1 Bar 1 Sec
Heat Seal Strength	180	180	200	210	gm/cm		IPAK 1 Bar 1 Sec at 130 °C
BARRIER							
Water Vapour Permeability	6	6	5	5	gm/m²/24 Hrs		ASTM F1249 38 °C, 90% RH
Oxygen Permeability	2200	2200	1800	1800	cc/m²/ 24 Hrs		ASTM D3985 23 °C, 0% RH

Outside Treated Sealable Layer
Modified Intermediate Layer 1
Cavitated Core Layer
Modified Intermediate Layer 2
Sealable Layer