



Description

Cavitated, 5 Layers, Both Side Heat Sealable, One Side Corona Treated BOPP Film with Excellent Slip and Antistatic Properties for Label application. High glossy high energy treated specifically designed for excellent get up and adhesion of surface printing.

Applications

Cavitated, Pearl White, 5 Layers, Both Side Heat Sealable, One Side Corona Treated Film For Label Application

Characteristics

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

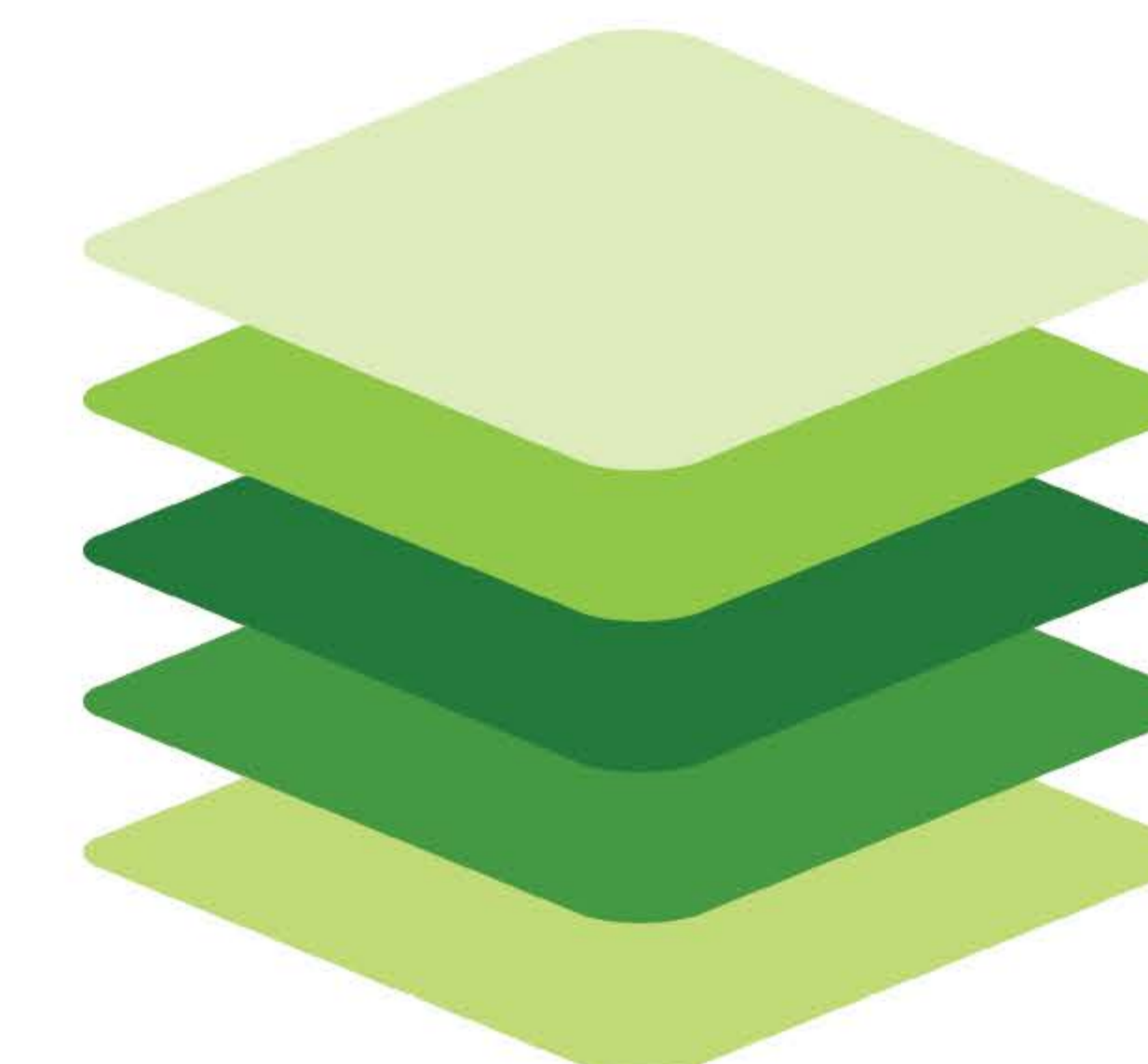
INSTRUCTIONS

- o Treatment is guaranteed for 3 months if stored at a temperature below 30°C and humidity 45% to 55%.
- o Other properties of the film are guaranteed for 6 months from the date of production.
- o Film should be allowed to reach operating room temperature 24 hours before use.
- o 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.
- o 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	PWL	UNITS		TEST CONDITIONS
PHYSICAL				
Thickness	38	μ		Internal Test Method
Grammage	27.36	gm/m ²		
Yield	36.55	M ² /Kg		
Wetting Tension	38	Dynes/cm		ASTM D2578
OPTICAL				
Opacity	75	%		IPAK Test Method
Gloss at 45° Angle	80	%		ASTM D2457
MECHANICAL				
Dynamic C.O.F (NT x NT)	0.3	-		ASTM D1894
Tensile Strength at Break	8	Kgf/mm ²	Machine Direction	ASTM D882
	14	Kgf/mm ²	Transverse Direction	
Elongation at Break	150	%	Machine Direction	ASTM D882
	60	%	Transverse Direction	
THERMAL				
Heat Shrinkage	3.5	%	Machine Direction	IPAK 120°Cx05 min:
	1.5	%	Transverse Direction	
Heat Seal Range	105-140	°C		IPAK 1 Bar 1 Sec
Heat Seal Strength	150	gm/cm		IPAK 1 Bar 1 Sec at 130 °C
BARRIER				
Water Vapour Permeability	6	gm/m ² /24 Hrs		ASTM F1249 38 °C, 90% RH
Oxygen Permeability	2000	cc/m ² /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