



PVdC Coated Polyester Film - BARRICOAT™ PT 123

BARRICOAT™ PT is transparent barrier Polyester film is a one side PVdC coated designed for high barrier flexible packaging applications. Features: - Good moisture and oxygen barrier - suitable for "see-through" packaging structure.

Typical Properties

Property	Unit	Nominal Method	Condition	
Mechanical Properties				
Nominal Thickness	μ	14		
Elongation	MD %	70	ASTM D 882	
	TD %	65		
Tensile Strength	MD Kg/mm ²	20	ASTM D 882	
	TD Kg/mm ²	23		
Density	g/cm ³	1.46	ASTM D 792	
Thermal Properties				
Shrinkage	MD %	2.4	ASTM D 1204	
	TD %	0.6		
Surface Properties				
Co-efficient of friction(coated side)		0.30	ASTM D 1894	
Co-efficient of friction(non coated side)		0.20	ASTM D 1894	
Surface Tension	Dyne/cm	56	ASTM D 2578	
Optical Properties				
Haze	%	4	ASTM D 1003	
Gloss	%	80	ASTM D 2457	
Barrier Properties				
MVTR	gm/m ² .day	5.40	ASTM F 1249	38°C, 100% RH
O2TR	cc/m ² .day.atm	5.66	ASTM D 3985	23 °C, 0%RH



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KEY FEATURES

- High barrier to water vapour, oxygen, other gasses and aroma
- PVdC coated surface facilitates printing and lamination without primer
- High thermal stability
- Good machinability
- High clarity and gloss

APPLICATION

Laminates using BARRICOAT™ PT 123 film are used in the packaging of dairy products, meat, biscuits, coffee, and cosmetics. BARRICOAT™ PT 123 is suitable for ambient or cold storage conditions.

CONVERSION

This grade can be easily gravure or flexo printed with suitable ink for PVdC. It can be laminated using one or two components, solvent, solventless or water based adhesives. Extrusion coating on PVdC side requires a suitable primer.

Disclaimer

The information given above is to the best of our knowledge and experience at the time of printing. We make no warranty, express or implied, for specific product properties or as to the fitness of the product for any specific use or purpose. The above data is purely for reader's consideration, investigation and verification and should be read in conjunction with the general conditions for sale.

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