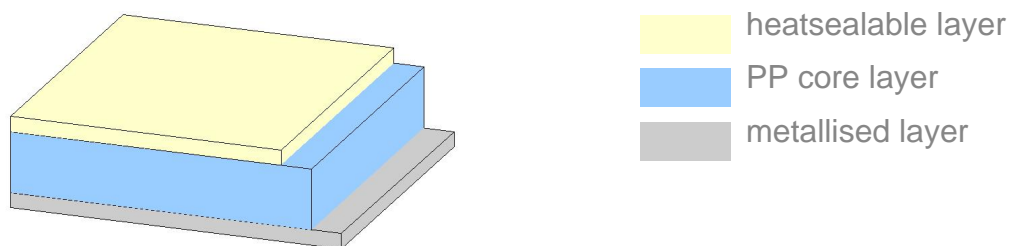


®Saracpp Polyplex Cast Polypropylene Films

Type: THMH heatsealable other side high barrier metallised CPP film 40my

THMH is a one side heat sealable, other side high barrier metallised CPP film. Treatment value on metallized side tends to decay over a period of time during transportation and storage condition. Therefore it is recommended to check the treatment level prior to processing and if necessary refresh the treatment prior to conversion to ensure optimal adhesion of inks and adhesives but avoid backside treatment. Film should be stored in a dry environment at a temperature under 30 Deg. Allow the film to reach room temperature at least 24 hours before use.

Composition



treatment

THMMI = inside metallised THMMO = outside metallised

Typical Properties

Provisional data

Property	Units	Nominal Method	Conditions
Mechanical Properties			
Nominal thickness	μ	40 Polyplex Method	
Metal adhesion	g/25mm	100 Polyplex Method	
Yield	m ² /kg	27 Polypex Method	
Unit weight	g/m ²	36.4	
Density	g/cm ³	0.91	

Property	Units	Nominal	Method	Conditions
Elongation at break	MD %	400	ASTM D-882	
	TD %	500		
Tensile strength	MD kg/cm ²	500	ASTM D-882	
	TD kg/cm ²	275		
Thermal Properties				
Heat shrinkage	MD %	1	ASTM D-1204	120 Deg. C/5 minutes
	TD %	1		
Sealing range	Deg.	120-140	Polyplex Method	
Seal Strength	g/25mm (min)	1800	Polyplex Method	130 Deg., 1 bar, 1 sec
Surface Properties				
Surface tension metal side	dyne/cm	38	ASTM D-2578	
Co-efficient of friction dynamic (F/F)		0.7	ASTM D-1894	
Optical Properties				
Gloss (at 60°)	%	700	ASTM D-2457	Micro Trygloss (BYK Gardner)
Barrier Properties				
O2 Permeability	cc/m ² /day	50	ASTM D-3985-95	23 Deg, 0%RH
WVTR	g/m ² /day	0.6	ASTM F-1249	37.7°C, 90%RH
Optical density		2.5	Polyplex Method	

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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