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BRGS Packaging Materials

BRC Global Standard for
Packaging and Packaging Materials



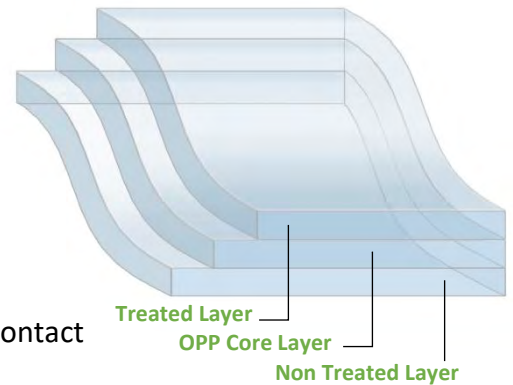
LCF5213

Clear Polypropylene Film

LCF5213 is a bi-axially orientated, one side treated, high gloss clear polypropylene film (non-heat sealable). This product has been non-migratory slip modified and gives excellent adhesion to most inks and UV applications. It is especially designed for PSA face stock, lamination to paper as well as film-to-film applications for the production of labels and bags.

Features

- High Yield with High Strength
- Exceptional optical characteristics
- Good flex resistance
- Excellent printability
- Contains NO recycle polymers
- Meets relevant FDA and EU regulations for direct food contact



Typical Applications

- Labels
- Lamination to both Paper and Film
- PSA label face stock
- Film to film and film to paper bags

Gauges Available

- 20, 25, 30, 35, 38 and 40 micron

General Information

- Handling and Product Health and Safety details available on request
- Recommended to store in dry condition below 30 °C and above 5 °C
- Best used within 6 months of manufacture
- We recommend you let the film acclimatise in the production environment for 24 hours prior to use



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Typical Properties

Properties		Test Method	Unit	20mu	25mu	30mu	35mu	38mu	40mu
Grammage			g / m ²	18.2	22.8	27.3	31.9	34.6	36.4
Yield			m ² / kg	54.9	44.0	36.6	31.4	28.9	27.5
WVTR (38°C 90% RH)		ASTM F1249	g/m ² /d	7.0	6.0	5.0	4.0	3.5	3.2
Tensile strength	MD	ASTM D882	N/mm ²	150					
	TD			280					
Elongation at brake	MD	ASTM D882	%	150					
	TD			50					
Haze		ASTM D1003	%	1.0					
Gloss		ASTM D2457	% @ 45 °C	90					
Thermal Shrinkage	MD	OPMA TC4a	%	6.0					
	TD			2.0					
COF		ASTM D1894		0.35					
Surface Tension			dynes / cm	≥38					

As all applications are subject to those conditions prevailing within specific applications, we recommend that a test be carried out to your satisfaction prior to full production.

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