

Jampilen RP120L

Terpolymer



Description:

"Jampilen RP120L" is a low sealing temperature polypropylene resin. The product is designed for BOPP films and is formulated with standard processing stabilization and is calcium stearate free. "Jampilen RP120L" exhibits very high transparency, excellent gloss and outstanding heat weldability. Films from "Jampilen RP120L" show good hot tack and low seal initiation temperature (115 to 120 °C).

"Jampilen RP120L" is suitable for the production of shrinkable coextruded BOPP film for display packaging of cheese, bakery and meat products.

"Jampilen RP120L" is suitable for food contact.

Processing Method:

BOPP film
Film extrusion

Features:

Very high transparency
Excellent gloss
Good heat weldability
High resistance to oxygen, moisture, fats and oils
Terpolymer

Typical Applications:

Sealing layers of oriented and non-oriented films
Packaging for food, cosmetics, clothes and cigarettes
Shrinkable coextruded BOPP film for display packaging of cheese, bakery and meat products
Breathable film, lamination film, stationery film

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	6	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	700	MPa	ASTM D790
Tensile Strength at Yield	22	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Tensile Strain at Break	340	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	> 80	J/m	ASTM D256
Thermal			
Vicat softening point (B 120 °C/h, 10N)	115	°C	ASTM D1525
H.D.T. (0.46 MPa)	60	°C	ASTM D648
Melting Temperature (°C)	135	°C	ASTM D 4101
Seal Initiation Temperature (°C)	115	°C	ASTM D 4101
Accelerated oven ageing in air at 150 °C	360	Hours	ASTM D3012
Optical			
Haze (1mm)	1.0	%	ASTM D1003
Gloss (45°)	85	...	ASTM D2457

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