

Product Data Sheet

Description:

**PP-Random copolymer
RP120L**

RP-120L 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. RP-120L exhibits very high transparency, excellent gloss and outstanding heat weldability.

Films from RP-120L show good hot tack and low seal initiation temperature (115 to 120°C).

RP-120L is suitable for the production of shrinkable coextruded BOPP film for display packaging of cheese, bakery and meat products.

RP-120L is suitable for food contact.

Features

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

Main Applications

- Packaging for food, stationery, Cosmetics, clothes and cigarettes
- Shrinkable coextruded BOPP film for display packaging of cheese, bakery and meat products

Additives

- Food

Resin Properties	Unit	Typical Value	Test Method
Melt Flow Rate (230°, 2.16kg)	g/10 min	6	ASTM D1238
Density	g/cm ³	0.9	ASTM D1505
Flexural Modulus	MPa	650	ASTM D790
Tensile Strength at Yield	MPa	22	ASTM D638
Tensile Elongation at Yield	%	12	ASTM D638
Izod Impact Strength (notched) at 23 °C	J/m	80	ASTM D256
Melting Temperature (DSC)	°C	136	ASTM D3417o
Vicat Softening point (10N)	°C	118	ASTM D1525
H.D.T. (0.46 Mpa)	°C	65	ASTM D648
Accelerated oven ageing in air at 150° C	hours	500	ASTM D3012
Haze	%	1.0	ASTM D1003
Gloss	-	85	ASTM D2543

Polypyrrolene

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