



Jampilen RP342N

Random Copolymer

JAMPILen Polypropylene

Description:

"Jampilen RP342N" is a polypropylene random copolymer with excellent flow properties, very high transparency and gloss and good antistatic characteristics. "Jampilen RP342N" is mainly designed for transparent housewares and quality packaging applications.

"Jampilen RP342N" is an outstanding grade for injection molded containers and thin-walled packaging, where clarity is of utmost importance.

Processing Method:

Injection molding
Extrusion (Sheet)

Features:

Excellent flow properties
Very high transparency
Very high gloss
Good antistatic properties
Random copolymer

Typical Applications:

Injection molded containers and thin-walled packaging
Food storage containers
Household articles
Packaging for food, cosmetics and pharmaceutical products
Lids, caps and closures
Coextrusion with other polypropylene resins to produce multilayer sheet for thermoforming trays for fresh pasta and bakery products

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	10	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1050	MPa	ASTM D790
Tensile Strength at Yield	28	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	85	J/m	ASTM D256
Rockwell Hardness	94	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	128	°C	ASTM D1525
H.D.T. (0.46 Mpa)	83	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012
Optical			
Haze	17	%	ASTM D1003
Gloss	73	----	ASTM D2457

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