



Jampilen RP340N

Polypropylene Random Copolymer

Description:

“Jampilen RP340N” is a polypropylene random copolymer which features extremely high flow properties, excellent transparency, high gloss and exhibits good antistatic properties. “Jampilen RP340N” is mainly designed for transparent housewares and quality packaging applications. It is an outstanding grade for injection molded containers and thin-walled packaging where clarity is of utmost importance. In many of these applications, “Jampilen RP340N” can replace PS since it can match the optical properties whilst adding low weight, low odor transfer, chemical resistance and impact strength.

Processing Method

- Injection molding
- Extrusion (sheet)

Features

- High flow properties and Excellent transparency
- High gloss, Good antistatic properties
- Random copolymer

Typical Applications

- Injection molded containers and thin-walled packaging
- Clear containers
- Packaging for food, cosmetics and pharmaceutical products
- Lids, caps and closures
- Co_extrusion with other polypropylene resins to produce multilayer sheet for thermoforming trays for fresh pasta and bakery products
- Sports and leisure and toys
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TYPICAL PROPERTIES	UNIT	TYPICAL VALUE	METHOD
PHYSICAL			
MELT FLOW RATE (230°C, 2.16 KG)	g/10min	11	ASTM D1238
DENSITY	g/cm ³	0.9	ASTM D1505
MECHANICAL			
FLEXURAL MODULUS	MPa	1050	ASTM D790
TENSILE STRENGTH AT YIELD	MPa	28	ASTM D638
TENSILE ELONGATION AT YIELD	%	12	ASTM D638
IZOD IMPACT STRENGTH (NOTCHED) AT 23 °C	J/M	85	ASTM D256
ROCKWELL HARDNESS	R Scale	94	ASTM D785
THERMAL			
VICAT SOFTENING POINT(10N)	°C	128	ASTM D1525
H.D.T (0.46 MPA)	°C	83	ASTM D648
ACCELERATED OVEN AGEING IN AIR AT 150°C	Hours	360	ASTM D3012
OPTICAL			
HAZE(1MM)	%	9	ASTM D1003
GLOSS (60°)	-	85	ASTM D2457

Approval

Food Certificate

Producer: Jam Polypropylene Co. (JPPC)

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