

Jampilen RP340R

Polypropylene Random Copolymer



Description

“Jampilen RP340R” is a nucleated polypropylene random copolymer with high fluidity, outstanding transparency and gloss, is designed for injection molding applications.

“Jampilen RP340R” is the material of choice for applications where transparency is a primary requirement. The grade is also suitable for injection stretch blow molded containers and bottles. The products combines good see through clarity and excellent moisture barrier properties with hot fallibility. Therefore, “Jampilen RP340R” offers an effective alternative for PET and PVC for the packaging of non-oxygen sensitive products such as confectionary, herbs, toiletries and cosmetics.

Processing Method

- Injection molding
- Injection stretch blow molding

Features

- High flow melt and Excellent transparency
- Excellent gloss
- Random copolymer

Typical Applications

- Household containers and housewares, packaging for food, cosmetics and pharmaceutical products
- Clear tubs and pots for ice cream, yoghurt and other desserts
- Medical sector such as syringes, test tubes and vials
- Lids, caps and closures, CD and DVD boxes
- Injection stretch blow molded containers and bottles
- Sports and leisure and toys

TYPICAL PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD
PHYSICAL			
MELT FLOW RATE (230°C, 2.16 KG)	g/10min	25	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	65	ASTM D256
R°CKWELL HARDNESS	R Scale	94	ASTM D785
THERMAL			
VICAT SOFTENING POINT(10N)	°C	127	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)	%	22	ASTM D1003
GLOSS (60°)	-	73	ASTM D2457

Approval

Food Certificate

Producer: Jam Polypropylene Co. (JPPC)

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