

Technical Data Sheet

RP340R

Polypropylene random copolymer

RP 340R is a nucleated polypropylene random copolymer with high fluidity and outstanding transparency and gloss and is designed for injection molding application.

RP340R is the material of choice for applications where transparency is a primary requirement. This products combines good see through clarity and excellent moisture.

Application:

- Household containers, house wares
- 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
- Packing for food, cosmetics and pharmaceutical products
- Sports, Leisure and toys

Properties	Value	Unit	Test Method
Melt Flow Rate (230°C,2.16kg)	25	g/10 min	ASTM D 1238
Density	0.9	g/cm ³	ASTM D 1505
Flexural Modulus	1100	Mpa	ASTM D 709
Tensile Strength at Yield	28	Mpa	ASTM D 638
Tensile Elongation at Yield	10	%	ASTM D 638
Izod Impact Strength (notched)at 23°C	55	J/m	ASTM D 256
Vicat softening point(10N)	130	°C	ASTM D 1525
H.D.T (0.46 Mpa)	80	°C	ASTM D 648
Accelerated oven ageing in air at 150°C	360	Hours	ASTM D 3012
Haze (1 mm)	13	%	ASTM D 1003
Gloss	80	-	ASTM D 2457