

Polypropylene RP340R

Sub-group:

Random Copolymer

Description:

RP340R is a high melt flow rate random copolymer. It features high transparency and gloss combined with good flowability, good balance of rigidity/impact and very low odor and flavor transfer.

Applications:

Injection of high transparency parts.

Processing:

Injection Molding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	25

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.902
Flexural Modulus – 1% secant	D 790	MPa	1000
Tensile Strength at Yield	D 638	MPa	30
Tensile Elongation at Yield	D 638	%	14
Rockwell Hardness (R Scale)	D 785	-	84
Notched Izod Impact Strength at 23°C	D 256	J/m	50
Notched Izod Impact Strength at -20°C	D 256	J/m	-
Deflection Temperature under Load at 0.455 MPa	D 648	°C	78
Haze ^b	D 1003	%	17

a) Injection molded specimen according to ASTM D 4101 b) Specimen thickness: 1 mm.

