

Polypropylene RP 340S

Sub-group:

Random Copolymer

Description:

RP 340S is a very high fluidity Random Copolymer, suitable for fast cycle thin wall injection molding. It exhibits excellent processability and transparency, good balance of rigidity/impact and very low odor and flavor transfer.

Applications:

Injection of high transparency and thin-walled parts.

Processing:

Injection Molding

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	45

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.902
Flexural Modulus – 1% secant	D 790	MPa	1050
Tensile Strength at Yield	D 638	MPa	31
Tensile Elongation at Yield	D 638	%	13
Rockwell Hardness (R Scale)	D 785	-	85
Notched Izod Impact Strength at 23°C	D 256	J/m	40
Notched Izod Impact Strength at -20°C	D 256	J/m	-
Deflection Temperature under Load at 0.455 MPa	D 648	°C	81
Haze ^b	D 1003	%	18

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

