

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 Moulding

Control Property:

	ISO Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	1133	g/10 min	45

Typical Properties^a:

	ISO Method	Units	Values
Density	1183-1	g/cm ³	0.902
Flexural Modulus – 1% secant	178	MPa	1250
Tensile Strength at Yield	527-1	MPa	31
Tensile Elongation at Yield	527-1	%	12
Rockwell Hardness (R Scale)	2039-2	-	85
Notched Izod Impact Strength at 23°C	180	kJ/m ²	3.0
Deflection Temperature under Load at 0.455 MPa	75-1/75-2	°C	78

a) Injection molded specimen according to ISO 294.

b) Specimen thickness: 1 mm.

