

Polypropylene RP 340S

Sub-group:

Random Copolymer

Description:

RP 340S is a high fluidity Random Copolymer, with high transparency and gloss combined with good flowability.

Applications:

Injection Molding and Injection-Stretch-Blow-Molding (ISBM) of housewares, cups, caps and parts with high transparency.

Processing:

Injection Molding

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	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.

