

Technical Datasheet

- **Grade Name:** RP340
- **Categories:** Polymer, Thermoplastic, Polypropylene, Polypropylene random copolymer
- **Processing Methods:** Injection molding, Extrusion (Sheet)
- **Applications:** Injection molded containers and thin-walled packaging, Clear containers, Household articles, Packaging for food, cosmetics and pharmaceutical products, Lids, caps and closures, Coextrusion with other polypropylene resins to produce, multilayer sheet for thermoforming trays for fresh pasta and bakery products, Sports, Leisure and toys
- **Features:** High flow properties, Excellent transparency, High gloss, Good antistatic properties, Random copolymer

Physical Properties			
Properties	Value	Unit	Test Method
MFI(230 °C/2.16 Kg)	11	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	1050	MPa	ASTM D790
Izod Impact Strength (notched) at 23 °C	85	J/m	ASTM D256
Tensile Elongation at Yield	12	%	ASTM D638
Tensile Strength at Yield	28	MPa	ASTM D638
Rockwell Hardness	94	R Scale	ASTM D785
Thermal Properties			
Properties	Value	Unit	Test Method
H. D. T (0.46 MPa)	83	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	h	ASTM D3012
Vicat Softening Point (10 N)	128	°C	ASTM D1525
Optical Properties			
Haze (1 mm)	9	%	ASTM D1003
Gloss (60°)	85	-----	ASTM D2457

Typical Properties: These values are not to be considered as product specifications.

