

Technical Datasheet

- **Grade Name:** EP548R COPOLYMER
- **Categories:** Polymer, Thermoplastic, Polypropylene, Polypropylene Copolymer
- **Processing Methods:** Injection molding
- **Applications:** Thin-walled articles, Articles with long flow paths such as flower pots, containers, housewares, filters, filters housings and appliance components, Sports, Leisure and toys
- **Features:** Good impact strength, High stiffness, Excellent antistatic properties, Excellent moldability and short cycle times, Heterophasic copolymer

Physical Properties			
Properties	Value	Unit	Test Method
MFI(230 °C/2.16 Kg)	21	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	1500	MPa	ASTM D790
Izod Impact Strength (notched) at 23 °C	85	J/m	ASTM D256
Tensile Elongation at Yield	7	%	ASTM D638
Tensile Strength at Yield	27	MPa	ASTM D638
Izod Impact Strength (notched) at -20 °C	50	J/m	ASTM D256
Rockwell Hardness	98	R Scale	ASTM D785
Thermal Properties			
Properties	Value	Unit	Test Method
H. D. T (0.46 MPa)	110	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	h	ASTM D3012
Vicat Softening Point (10 N)	149	°C	ASTM D1525

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

