Always there is a SOLUTION!





Technical Datasheet

o Grade Name: EP548R COPOLYMER

o 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/cm³	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.

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