

Technical Data Sheet

Moplen EP549T



Polypropylene, Impact Copolymer

Product Description

Moplen EP549T is a high flow, high crystalline polypropylene impact copolymer resin, with superior stiffness, good impact resistance, excellent antistatic property and good flowability. Typical customer applications are electrical appliances, containers.

Application	Cooling Appliances; Dishwashing Appliances; Housewares; Opaque Containers; Washing Appliances
Market	Consumer Products; Electrical / Electronics; Rigid Packaging
Processing Method	Injection Molding
Attribute	Contains Antistat; Good Impact Resistance; High Flow; High Stiffness; Impact Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	60	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1500	MPa	ASTM D790
Tensile Strength at Yield	26	MPa	ASTM D638
Tensile Elongation at Yield	3.5	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	40	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	115	°C	ASTM D648