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.

Regulatory Status

For regulatory compliance information, see *Moplen* EP549T Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
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

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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