

Moplen EP549T

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Moplen EP549T is high flow polypropylene impact copolymer. The grade has good balance of stiffness and impact strength. Potential end use applications include moulding of electrical appliance parts, thin wall food packagings and housewares.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Good Impact Resistance		
	High Flow		
	High Stiffness		
	Impact Copolymer		
Uses	Appliances		
	Containers		
	Food Packaging		
	Household Goods		
	Packaging		
	Thin-walled Packaging		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	3.5	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648

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