

Moplen EP548Q

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Moplen EP548Q is a nucleated polypropylene impact copolymer, suitable for injection moulding applications and contains antistatic agent. This grade exhibits good stiffness with medium fluidity.
Potential applications include houseware, furniture, pails, cylindrical containers and crates.

General Information			
UL YellowCard	E31765-102691272		
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Rigid, good		
	Impact copolymer		
	Antistatic property		
	Medium liquidity		
Uses	Furniture		
	Household goods		
	Container		
	Barrel		
	Loading box		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain (Yield)	5.0	%	ISO 527-2
Flexural Modulus	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m ²	ISO 179

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