



Moplen EP548Q

Polypropylene, Impact Copolymer

Product Description

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.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Antistatic, Medium Flow, Nucleated, Good Stiffness
Typical Customer Applications	Crates, Furniture, Housewares, Opaque Containers

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.9	g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	19	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	28	MPa
Flexural modulus	ISO 178	1450	MPa
Elongation at yield	ISO 527	5	%
Impact			
Charpy notched impact strength (23°C)	ISO 179	9	kJ/m ²