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## Technical Data Sheet

### Moplen EP545L



Polypropylene, Impact Copolymer

#### Product Description

Moplen EP545L is a fully formulated polypropylene impact copolymer resin with enhanced stiffness, good flowability for short cycle time, high slip to resist dust and dirt pick-up. Typical customer applications are caps and closures, containers, and toys.

<b>Application</b>	Caps & Closures; Housewares; Opaque Containers
<b>Market</b>	Consumer Products; Rigid Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Contains Antistat; Good Impact Resistance; Good Stiffness; High Strength; Nucleated

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1480	MPa	ASTM D790
Tensile Strength at Yield	31	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	77	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load	115	°C	ASTM D648