



Moplen EP242N

Polypropylene, Impact Copolymer

Product Description

Moplen EP242N is a "Reactor-made Thermoplastic PolyOlefin" manufactured using the Spheripol process, with ultra high impact. It has high impact strength even at low temperature. It has been used in injection moulding of automotive parts, and other articles that require high impact resistance.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	Impact Copolymer, Low Temperature Impact Resistance, Good Processability, Good Toughness
Typical Customer Applications	Exterior Applications, Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg) <i>Note: ASTM D1238L</i>	ASTM D 1238	11	g/10 min
Density	ASTM D 1505	0.9	g/cm ³
Mechanical			
Flexural Modulus	ASTM D 790	9000	kg/cm ²
Tensile Strength @ Yield	ASTM D 638	190	kg/cm ²
Impact			
Notched Izod Impact	ASTM D 256		
(23 °C)		No Break	kg-cm/cm
(-20 °C)		13	kg-cm/cm

Notes

Typical properties; not to be construed as specifications.