



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 Method	Injection Molding
Features	Impact Copolymer, Low Temperature Impact Resistance, Good Processability, Good Toughness
Typical Customer Applications	Interior Applications, Exterior 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		
Tensile Strength @ Yield	ASTM D 638	190 kg/cm ²
Flexural Modulus	ASTM D 790	9000 kg/cm ²
Impact		
Notched izod impact (23 °C)	ASTM D 256	No Break kg-cm/cm
(-20 °C)		13 kg-cm/cm

Notes

Typical properties; not to be construed as specifications.

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- 1 Equistar Chemicals, LP
- 1 Basell Sales & Marketing Company B.V.
- 1 Basell Asia Pacific Limited
- 1 Basell International Trading FZE
- 1 LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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