



Moplen EP200S

Polypropylene, Impact Copolymer

Product Description

Moplen EP200S is a high melt flow "Reactor-Made Thermoplastic PolyOlefin", manufactured using the Spheripol process. It is an ultra high impact copolymer suitable for demanding injection molding applications. It also has potential use as a compounding base resin for automotive bumper fascia.

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Density -Specific Gravity	ASTM D 792	0.9 g/cm ³
Melt flow rate (230°C/2.16kg)	ASTM D 1238	40 g/10 min
<i>Note: ASTM D1238L</i>		
Mechanical		
Tensile Strength @ Yield	ASTM D 638	190 kg/cm ²
Flexural Modulus	ASTM D 790	8000 kg/cm ²
Tensile Elongation @ Yld	ASTM D 638	6 %
Impact		
Notched izod impact (23 °C)	ASTM D 256	No Break kg-cm/cm
(-20 °C)		12 kg-cm/cm

Notes

Typical properties; not to be construed as specifications.

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