



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 Methods	Injection Molding
Features	Impact Copolymer, High Flow , Low Temperature Impact Resistance, Good Processability, Good Toughness
Typical Customer Applications	Exterior Applications, Interior 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			
Flexural Modulus	ASTM D 790	8000	kg/cm ²
Tensile Strength @ Yield	ASTM D 638	190	kg/cm ²
Tensile Elongation @ Yield	ASTM D 638	6	%
Impact			
Notched Izod Impact	ASTM D 256		
(23 °C)		No Break	kg-cm/cm
(-20 °C)		12	kg-cm/cm

Notes

Typical properties; not to be construed as specifications.