

Injection Molding

Applications

- Appliances
- Automotive Exterior Parts
- Automotive Interior Parts
- Consumer Applications

Characteristics

- High Impact Strength
- Good Toughness and Stiffness
- High Izod Impact
- Good Balance
- Nucleated

Description: CoPP 35900HI is a medium impact strength copolymer resin with high melt flow rate and good processing attributes. It is designed for injection molded automotive applications and large appliance parts.

Property	Value	Unit	Test
Melt Index, (230 °C/2.16 kg)	30	g/10 min	ISO 1133
Density	0.900	g/cm ³	
Tensile Strength at Yield	3250	psi	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus 0.051 in/min	160000	psi	ASTM D 790A
Flexural Modulus 0.51 in/min	183000	psi	ASTM D 790B
Notched Izod Impact, @ 73 °F	2.7	ft-lb/in	ASTM D 256A
Gardner Impact	235	in-lb	ASTM D 5420
Heat Deflection Temp. @ 66 psi	202	°F	ASTM D 648

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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