

### Injection Molding

#### Applications

- Automotive parts
- Appliances
- Lawn and garden

#### Characteristics

- Good balance of stiffness and cold temperature impact
- Excellent range of physical and thermodynamic properties

**Product Description:** CoPP 30900NB is a high impact copolymer of polypropylene designed for injection molding applications. It has a unique combination of stabilizers and nucleators.

Property	Value	Unit	ASTM Test
Melt Index, (230°C/2.16 kg)	30	g/10 min	D 1238
Density	0.900	g/cm <sup>3</sup>	D 1505
Flexural Modulus, 1% Secant	125000	psi	D 790
Tensile Strength at Yield	2700	psi	D 638
Elongation at Yield	6	%	D 638
Notched Izod Impact, @ 73°F	10	ft-lb/in	D 256A
Notched Izod Impact, @ 0°F	1.1	ft-lb/in	D 256A
Notched Izod Impact, @ -22°F	0.8	ft-lb/in	D 256A
Heat Deflection Temperature @ 66 psi	194	°F	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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