

## Dow H700-12 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

Dow Polypropylene Homopolymer Resins are semi-crystalline thermoplastic materials that can provide a combination of desirable properties and affordability: low density; excellent chemical resistance and ESCR; excellent moisture barrier; high heat resistance, good gloss; high stiffness and hardness, and low water absorption. Dow Polypropylene Homopolymer resins are suitable for a wide range of applications and may be fabricated by injection molding, blow molding and extrusion. H700-12 Polypropylene Homopolymer resin is suitable for injection molding. Data provided by Dow Chemical. Dow Announced Sale of Global Polypropylene Business to Braskem in July 2011.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-H700-12-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Dow-H700-12-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM Data
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM Data

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.5 MPa	5000 psi	ASTM Data
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM Data

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	99.0 °C	210 °F	Unannealed; ASTM Data

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