

## Dow C700-35 Polypropylene Impact Copolymer Resin

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Impact Modified; Molded/Extruded

### Material Notes:

Overview High stiffness Good mold fillability Complies with: U.S. FDA FCN 843, Canadian HPFB No Objection DOW C700-35 Polypropylene Resin is intended for use in injection molding processes where medium impact strength is required. 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-C700-35-Polypropylene-Impact-Copolymer-Resin.php](http://www.lookpolymers.com/polymer_Dow-C700-35-Polypropylene-Impact-Copolymer-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792
Melt Index of Compound	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.9 MPa	3760 psi	ASTM D638
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Flexural Modulus, 1% Secant	1340 MPa	194000 psi	ASTM D790A
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	Unannealed; ASTM D648

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