

## Dow C702-20 Polypropylene Impact Copolymer Resin

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

**Material Notes:**

Overview High impact Complies with: U.S. FDA FCN 843, Canadian HPFB No Objection DOW C702-20 Polypropylene Resin is intended for use in injection molded applications requiring high impact. It is particularly suited for consumer products, durables and automobile applications. 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-C702-20-Polypropylene-Impact-Copolymer-Resin.php](http://www.lookpolymers.com/polymer_Dow-C702-20-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	18 g/10 min @Load 2.16 kg, Temperature 230 °C	18 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.7 MPa	3000 psi	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus, 1% Secant	1030 MPa	149000 psi	ASTM D790A
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Melting Point	162 °C	324 °F	DSC; Dow Method
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	Unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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