

Dow C700-35N Polypropylene Impact Copolymer

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

Material Notes:

Dow Polypropylene Impact Copolymer 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; good gloss; good impact over wide range of temperature and low water absorption. Dow Polypropylene Impact Copolymer resins are suitable for a wide range of applications and may be fabricated by injection molding, blow molding and extrusion. C700-35N Polypropylene Impact Copolymer resin is a nucleated product 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-C700-35N-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM Data
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM Data

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.6 MPa	4000 psi	ASTM Data
Izod Impact, Notched	0.694 J/cm	1.30 ft-lb/in	ASTM Data

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 °C	239 °F	Unannealed; ASTM Data

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