

Dow C700-35 Polypropylene Resin

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

DOW C700-35 is intended for use in injection molding processes where medium impact strength is required. Information provided by Dow 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-Resin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	35 g/10 min @Temperature 230 °C	35 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.9 MPa	3750 psi	molded and tested in accordance with ASTM D 4101; ASTM D638
Elongation at Yield	7.0 %	7.0 %	molded and tested in accordance with ASTM D 4101; ASTM D638
Flexural Modulus	1.34 GPa	195 ksi	1% Secant; molded and tested in accordance with ASTM D 4101; ASTM D790A
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	molded and tested in accordance with ASTM D 4101; ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	unannealed; molded and tested in accordance with ASTM D 4101; ASTM D648

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