

Dow C702-20NA Polypropylene Impact Copolymer Resin

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

Material Notes:

Overview High impact performance Contains a nucleating additive Contains an antistatic additive Complies with: U.S. FDA FCN 843, Canadian HPFB No Objection DOW C702-20NA Polypropylene Resin is intended for use in injection molded applications requiring high impact resistance and good stiffness. The excellent moldability of this product enables short cycle times. It is particularly suited for industrial container, material handling, consumer products, and automotive 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-C702-20NA-Polypropylene-Impact-Copolymer-Resin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	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	22.8 MPa	3310 psi	ASTM D638
Elongation at Yield	4.5 %	4.5 %	ASTM D638
Flexural Modulus, 1% Secant	1210 MPa	175000 psi	ASTM D790A
Izod Impact, Notched	0.747 J/cm @Temperature -20.0 °C	1.40 ft-lb/in @Temperature -4.00 °F	ASTM D256A
	0.854 J/cm @Temperature 0.000 °C	1.60 ft-lb/in @Temperature 32.0 °F	ASTM D256A
	1.87 J/cm @Temperature 23.0 °C	3.50 ft-lb/in @Temperature 73.4 °F	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	Unannealed; ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China