

Dow C702-20 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. C702-20 Polypropylene Impact Copolymer resin is 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-C702-20-Polypropylene-Impact-Copolymer.php

| Physical Properties | Metric | English | Comments |
|---------------------|---|---|-----------|
| Density | 0.900 g/cc | 0.0325 lb/in ³ | ASTM Data |
| Melt Flow | 19 g/10 min @Load 2.16 kg, Temperature 230 °C | 19 g/10 min @Load 4.76 lb, Temperature 446 °F | ASTM Data |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-----------|---------------|-----------|
| Tensile Strength, Yield | 20.7 MPa | 3000 psi | ASTM Data |
| Izod Impact, Notched | 1.82 J/cm | 3.41 ft-lb/in | ASTM Data |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-----------------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 87.0 °C | 189 °F | Unannealed; ASTM Data |

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