

## Dow C7014-35RNA Polypropylene Impact Copolymer Resin

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

### Material Notes:

DOW™ C7014-35RNA Polypropylene Resin is a high impact copolymer intended for injection molding processes. It is especially suited for thin-wall flow path molds. Main Characteristics: Fast set-up, Easy mold filling, Easy mold release, Contains an antistatic and nucleating additive, Complies With U.S. FDA FCN 843HPFB (Canada), No Objection. 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-C7014-35RNA-Polypropylene-Impact-Copolymer-Resin.php](http://www.lookpolymers.com/polymer_Dow-C7014-35RNA-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	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 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	5.0 %	5.0 %	ASTM D638
Flexural Modulus, 1% Secant	1030 MPa	149000 psi	ASTM D790A
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	Unannealed; ASTM D648

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