

## Dow R792-35RNA Polypropylene Random Copolymer Resin

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

### Material Notes:

Overview Controlled rheology product Consistent processability Contains clarifying additive Contains an antistatic additive Complies with U.S. FDA 21 CFR 177.1520 (c)3.1a, Canadian HPFB No Objection DOW R792-35RNA Polypropylene Resin is intended for use in injection molding applications where clarity is desired. 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-R792-35RNA-Polypropylene-Random-Copolymer-Resin.php](http://www.lookpolymers.com/polymer_Dow-R792-35RNA-Polypropylene-Random-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	29.6 MPa	4290 psi	ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus, 1% Secant	1100 MPa	160000 psi	ASTM D790A
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	72.2 °C	162 °F	Unannealed; ASTM D648

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