

## Dow DS6D21 Polypropylene Random Copolymer Resin

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Film Grade

### Material Notes:

Overview Consistent processability High clarity and gloss Complies with U.S. FDA 21 CFR 177.1520 (c)3.1a DOW DS6D21 Polypropylene Resin is intended for use in case film processes. It is particularly suited for applications requiring high clarity. 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-DS6D21-Polypropylene-Random-Copolymer-Resin.php](http://www.lookpolymers.com/polymer_Dow-DS6D21-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	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus, 1% Secant	758 MPa	110000 psi	ASTM D790A
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Melting Point	142 °C	288 °F	DSC; Dow Method
Deflection Temperature at 0.46 MPa (66 psi)	81.1 °C	178 °F	Unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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