

## Dow 6D43 Polypropylene Resin

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

DOW 6D43 is intended for use fiber spinning processes. Information provided by DowDow Announced Sale of Global Polypropylene Business to Braskem in July 2011.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-6D43-Polypropylene-Resin.php](http://www.lookpolymers.com/polymer_Dow-6D43-Polypropylene-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792
Melt Flow	35 g/10 min @Temperature 230 °C	35 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	24.1 MPa	3500 psi	molded and tested in accordance with ASTM D 4101; ASTM D638
Elongation at Yield	10 %	10 %	molded and tested in accordance with ASTM D 4101; ASTM D638
Flexural Modulus	0.827 GPa	120 ksi	1% Secant; molded and tested in accordance with ASTM D 4101; ASTM D790A
Izod Impact, Notched	0.427 J/cm	0.800 ft-lb/in	molded and tested in accordance with ASTM D 4101; ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 °C	167 °F	unannealed; molded and tested in accordance with ASTM D 4101; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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