

Dow DX5E66 Polypropylene Resin

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

DOW DX5E66 is intended for use in cast film 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-DX5E66-Polypropylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	8.7 g/10 min @Temperature 230 °C	8.7 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	33.0 MPa	4780 psi	molded and tested in accordance with ASTM D 4101; ASTM D638
Elongation at Yield	8.0 %	8.0 %	molded and tested in accordance with ASTM D 4101; ASTM D638
Flexural Modulus	1.38 GPa	200 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)	104 °C	219 °F	unannealed; molded and tested in accordance with ASTM D 4101; ASTM D648

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