

Dow INSPIRE™ D7030EZ Thermoplastic Polyolefin (discontinued **)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Information provided by DowThe Inspire brand was spun off from Dow Chemical to Styron in 2010, although this grade had previously been removed from Dow's standard product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-INSPIRE-D7030EZ-Thermoplastic-Polyolefin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	ISO 1183
Filler Content	15 %	15 %	ISO 3451
Melt Flow	27 g/10 min @Load 2.16 kg, Temperature 230 °C	27 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	69	69	ISO 868
Tensile Strength, Yield	24.000 MPa	3480.9 psi	ISO 868
Flexural Modulus	1.8500 GPa	268.32 ksi	ISO 178
Izod Impact, Notched (ISO)	27.0 kJ/m ²	12.8 ft-lb/in ²	ISO 180/1A
Falling Dart Impact	33.0 J	24.3 ft-lb	@ 0°C, 6.7 m/s; ASTM D3763
	36.0 J	26.6 ft-lb	@ 23°C, 6.7 m/s; ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	112.0 °C	233.6 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ISO 75

Descriptive Properties	Value	Comments
Five Finger Scratch (N)	10	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China