

**Dow INSPIRE™ DT701-14 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-DT701-14-Thermoplastic-Polyolefin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Dow-INSPIRE-DT701-14-Thermoplastic-Polyolefin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792B
Melt Flow	14 g/10 min @Load 2.16 kg, Temperature 230 °C	14 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	0.896 GPa	130 ksi	ASTM D790A
Izod Impact, Notched	NB	NB	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	82.2 °C	180 °F	unannealed; ASTM D648

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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