

Dow INSPIRE™ TF1302 TPO (discontinued **)

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Medium Flow, High Impact, Filled TPO Information provided by Dow The 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-TF1302-TPO-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in³	ASTM D792B
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 °C	11 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	6.0 %	6.0 %	ASTM D638
Flexural Modulus	1.21 GPa	175 ksi	ASTM D790A
Izod Impact, Notched	NB	NB	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.3 °C	200 °F	ASTM D648

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