

## DuPont Performance Polymers VESPEL TP-8792 Polyimide

Category : Polymer , Thermoplastic , Polyimide, Thermoplastic

### Material Notes:

DuPont Vespel TP-8792 parts are specified for mechanical, thermal, and tribological properties. TP-8792 offers excellent strength and toughness, dimensional stability, low outgassing, radiation resistance, creep resistance, and low coefficient of thermal expansion provided by DuPont Performance Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Performance-Polymers-VESPEL-TP-8792-Polyimide.php](http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-VESPEL-TP-8792-Polyimide.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.44 g/cc	1.44 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	170 MPa @Temperature 23.0 °C	24700 psi @Temperature 73.4 °F	ASTM D638
Elongation at Break	5.0 % @Temperature 23.0 °C	5.0 % @Temperature 73.4 °F	ASTM D638
Flexural Strength	230 MPa @Temperature 23.0 °C	33400 psi @Temperature 73.4 °F	ASTM D790
Flexural Modulus	10.8 GPa @Temperature 23.0 °C	1570 ksi @Temperature 73.4 °F	ASTM D790
Izod Impact, Notched	1.10 J/cm @Temperature 23.0 °C	2.06 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	52.0 µm/m-°C @Temperature 23.0 - 150 °C	28.9 µin/in-°F @Temperature 73.4 - 302 °F	ASTM E 228
Deflection Temperature at 1.8 MPa (264 psi)	246 °C	475 °F	ASTM D648

Descriptive Properties	Value	Comments
Appearance	Natural Color	
Forms	Shapes	
Material Status	Current	

Descriptive Properties Region Available - Global	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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