

DuPont Performance Polymers VESPEL TP-8395 Polyimide

Category : Polymer , Thermoplastic , Polyimide, Thermoplastic

Material Notes:

DuPont Vespel TP-8395 parts are specified for high-temperature and high-wear applications. TP-8395 parts offer an excellent balance of mechanical and thermal properties for superior performance in aggressive environments. TP-8395 parts are produced from information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-VESPEL-TP-8395-Polyimide.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792
Water Absorption	0.20 % @Temperature 23.0 °C	0.20 % @Temperature 73.4 °F	Immersion 24h; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength	73.0 MPa @Temperature 23.0 °C	10600 psi @Temperature 73.4 °F	ASTM D638
Flexural Strength	117 MPa @Temperature 23.0 °C	17000 psi @Temperature 73.4 °F	ASTM D790
Flexural Modulus	0.00260 GPa @Temperature 23.0 °C	0.377 ksi @Temperature 73.4 °F	ASTM D790
Izod Impact, Notched	0.780 J/cm @Temperature 23.0 °C	1.46 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
CTE, linear, Transverse to Flow	49.0 µm/m-°C @Temperature 23.0 - 150 °C	27.2 µin/in-°F @Temperature 73.4 - 302 °F	ASTM E 228
Deflection Temperature at 1.8 MPa (264 psi)	230 °C	446 °F	ASTM D648

Descriptive Properties	Value	Comments
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Appearance

Descriptive Properties	Natural Color Value	Comments
Forms	Shapes	
Material Status	Current	
Region Available - Global	Yes	
RoHS Compliance	Contact Manufacturer	

Contact Songhan Plastic Technology Co.,Ltd.

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