

DuPont Performance Polymers VESPEL TP-8929 Polyimide

Category : Polymer , Thermoplastic , Polyimide, Thermoplastic

Material Notes:

DuPont Vespel TP-8929 parts are specified for mechanical and thermal performance. TP-8929 parts offer low friction, dimensional stability, low outgassing, radiation resistance, and creep resistance. TP-8929 parts are produced from filled thermoplastic polyimide. Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-VESPEL-TP-8929-Polyimide.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	72.0 MPa @Temperature 23.0 °C	10400 psi @Temperature 73.4 °F	ASTM D638
Elongation at Break	6.0 % @Temperature 23.0 °C	6.0 % @Temperature 73.4 °F	ASTM D638
Flexural Strength	96.0 MPa @Temperature 23.0 °C	13900 psi @Temperature 73.4 °F	ASTM D790
Flexural Modulus	0.00240 GPa @Temperature 23.0 °C	0.348 ksi @Temperature 73.4 °F	ASTM D790
Izod Impact, Notched	1.37 J/cm @Temperature 23.0 °C	2.57 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	63.0 µm/m-°C @Temperature 23.0 - 150 °C	35.0 µin/in-°F @Temperature 73.4 - 302 °F	ASTM E 228
CTE, linear, Transverse to Flow	54.0 µm/m-°C @Temperature 23.0 - 150 °C	30.0 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
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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