

DuPont Performance Polymers VESPEL TP-8474 Polyimide

Category : Polymer , Thermoplastic , Polyimide, Thermoplastic

Material Notes:

DuPont Vespel TP-8474 parts are specified for mechanical, thermal, and tribological properties. TP-8474 parts offer excellent strength and toughness, dimensional stability, low outgassing, radiation resistance, creep resistance, and low coefficient of thermal expansion. Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-VESPEL-TP-8474-Polyimide.php

Mechanical Properties	Metric	English	Comments
Tensile Strength	144 MPa	20900 psi	ASTM D638
	@Temperature 150 °C	@Temperature 302 °F	
	229 MPa	33200 psi	ASTM D638
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Modulus	17.2 GPa	2490 ksi	ASTM D790
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Izod Impact, Notched	1.10 J/cm	2.06 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	47.0 µm/m-°C	26.1 µin/in-°F	ASTM E 228
	@Temperature 23.0 - 150 °C	@Temperature 73.4 - 302 °F	
CTE, linear, Transverse to Flow	6.00 µm/m-°C	3.33 µin/in-°F	ASTM E 228
	@Temperature 23.0 - 150 °C	@Temperature 73.4 - 302 °F	

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

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