

Greene Tweed WR[®]525 PEEK, Carbon Filled

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Carbon Fiber Filled

Material Notes:

WR[®]525 is a thermoplastic composite consisting of carbon fiber in a PEEK matrix. Because of its unique thermal expansion properties, WR525 is ideal for use as impeller wear rings, bushings and case wear rings. WR 525 allows the pump user to increase pump efficiency by running tighter wear ring clearances, while decreasing potential pump damage when pumps are cavitating or experience down-line bearing failures. Information provided by Greene Tweed.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Greene-Tweed-WR-525-PEEK-Carbon-Filled.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	86.2 MPa	12500 psi	Transverse; ASTM D3039
	2070 MPa	300000 psi	ASTM D3039
Tensile Modulus	10.2 GPa	1480 ksi	Transverse; ASTM D3039
	138 GPa	20000 ksi	ASTM D3039
Compressive Strength	1360 MPa	197000 psi	ASTM D695
Compressive Modulus	124 GPa	18000 ksi	ASTM D695

Descriptive Properties	Value	Comments
Color	Black	

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