

Victrex® Vicote® F807 Black Polyetheretherketone (PEEK) Liquid Dispersion

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK)

Material Notes:

Eco-friendly VICOTE Coatings were developed to fill the performance gap found in many existing coating technologies today. Whether applied to industrial, automotive, food processing, semiconductor, electronics or pharmaceutical parts. VICOTE Coatings can be applied using electrostatic or conventional dispersion spray techniques. The main ingredient of VICOTE Coatings is VICTREX® PEEK polymer, a linear, aromatic, semi-crystalline thermoplastic, widely regarded as one of the highest performing thermoplastic materials in the world. It offers a unique combination of properties to help processors and end users reach new levels of cost savings, performance, and product differentiation. These grades have been specifically formulated to provide a tough, resilient, high wear resistant coating with varying levels of lubricants to give good release properties. Available in natural and black. Electrostatic dissipative (ESD) grade. All other grades are Insulative coatings. F-Grades of VICOTE Coatings are specially formulated by Victrex to solve the problem of flash rusting that can occur when water-based coatings are applied to ferrous metals such as mild steel. Can also coat non-ferrous substrates equally effectively. All information provided by Victrex.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Victrex-Vicote-F807-Black-Polyetheretherketone-PEEK-Liquid-Dispersion.php

Physical Properties	Metric	English	Comments
Storage Temperature	5.00 - 25.0 °C	41.0 - 77.0 °F	

Mechanical Properties	Metric	English	Comments
Impact	1.0	1.0	1m, 1kg, Indent 5mm; ISO 6272
Coefficient of Friction	0.165	0.165	µm @ 10 min., Using 250N Load; ASTM G 133

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	

Processing Properties	Metric	English	Comments
Drying Temperature	120 °C	248 °F	overnight before use
	150 °C	302 °F	
	@Time 10800 sec	@Time 3.00 hour	

Descriptive Properties	Value	Comments
Color	Black	
Konig Hardness (seconds)	140	ISO 1522

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