

Victrex® Vicote® F804 Polyetheretherketone (PEEK) Liquid Dispersion

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

Material Notes:

VICOTE F804 has been specifically formulated to provide a resilient coating with high wear and abrasion resistance on ferrous substrates such as carbon and cast steels. These properties are retained at high temperatures where other coatings would potentially fail. Typical properties are high continuous use temperature of 260°C, excellent wear, abrasion and cut through resistance at these high temperatures combined with excellent chemical and radiation resistance. VICOTE dispersions have a low level of extractables and inherently flame retardant. Contact Victrex for further details. All information provided by Victrex.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Victrex-Vicote-F804-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 15mm; BS EN ISO 6272, Part 1
Coefficient of Friction	0.53	0.53	µm @ 10 min., Using 100N 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
Konig Hardness (seconds)	200	ISO 1522

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