

Victrex® Vicote® F817 Polyetheretherketone (PEEK) Liquid Dispersion, Enhanced Adhesion Grade

Category : Polymer , Thermoplastic , Adhesives, Sealants, and Coatings , Polyketone , Polyetheretherketone (PEEK)

Material Notes:

Vicote F817 can be applied to most ferrous and non ferrous metals. Cast metals need to be de-gassed in an oven to prevent pin holes in the coating surface. Aluminum and other thermal sensitive substrates may be coated however the mechanical properties of the substrate may be affected. F817 can be used on metal substrates where limited surface roughening is allowed or desired. Complies with FDA 21 CFR

175.300 Information Provided by VICTREX®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Victrex-Vicote-F817-Polyetheretherketone-PEEK-Liquid-Dispersion-Enhanced-Adhesion-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ISO 2811
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Solids Content	28 %	28 %	theory volume
	40 %	40 %	weight; Victrex Internal Test Method
pH	10	10	Victrex Internal Test Method
Viscosity Measurement	30	30	[seconds]; Test Method: BS EN ISO 2431 Din 6 Cup; @ 25°C

Mechanical Properties	Metric	English	Comments
Impact	1.0	1.0	1m, 1kg, Indent 15mm; ISO 6772

Thermal Properties	Metric	English	Comments
Melting Point	343 °C	649 °F	DSC

Descriptive Properties	Value	Comments
Conical Blend	pass at 3mm	ISO 6860
Konig Hardness (seconds)	118	Test Method: BS EN ISO 1522

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