

Victrex® Vicote® F813 Black Polyetheretherketone (PEEK) Liquid Dispersion

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

Material Notes:

VICOTE® is the brand name for the Victrex range of coatings. The VICOTE Coatings are available through Victrex plc or its preferred coater network. The VICOTE F813Blk grade has been specifically formulated to provide a coating that gives high wear and abrasion resistance combined with excellent release properties that are retained as the coating wears. These properties are retained at high temperatures where other release coatings would potentially fail. VICOTE dispersions coatings have a low level of extractables. All information provided by Victrex.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Victrex-Vicote-F813-Black-Polyetheretherketone-PEEK-Liquid-Dispersion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ISO 2811
Solids Content	26 %	26 %	Theory Volume
	36.9 %	36.9 %	weight; Internal Test
pH	10	10	
Viscosity Measurement	12	12	BSEN ISO 2431
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Impact	1.0	1.0	1m, 2kg, Indent 5mm; ISO 6272
Coefficient of Friction	0.021	0.021	µm @ 10 min., Using 250N Load; ASTM G 133

Thermal Properties	Metric	English	Comments
Melting Point	372 °C	702 °F	DSC
Softening Point	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
Bend (mm)		ISO 6860

Descriptive Properties	Pass at 3.2 Value	Comments
Color	Black	
Konig Hardness (seconds)	105	ISO 1522

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