VICOTE® F813Blk

Polyetheretherketone

Victrex plc

Message:

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. Contact Victrex plc for further details.
VICOTE F813Blk dispersions coatings are aqueous based however there are small amounts of solvents present. Refer to the appropriate MSDS sheet for details.
The VICTREX® PEEK polymer contained in the VICOTE dispersions like other non-coating grades of VICTREX PEEK polymer are thermoplastic in nature and exhibit flow above the melt temperature. When processed using the correct guidelines the coatings will exhibit the excellent properties that VICTREX PEEK polymer is renowned for.
VICOTE Coatings have excellent chemical resistance. Consult the Victrex Chemical Resistance Data Base for further details.

General Information	
Features	Good Abrasion Resistance
	Good Chemical Resistance
	Good Mold Release
	Good Wear Resistance
	High Heat Resistance
	Low Extractables
Uses	Coating Applications
Agency Ratings	FDA 21 CFR 175.300
Appearance	Black
Forms	Liquid
Processing Method	Coating
	Spraying

Physical	Nominal Value	Unit	Test Method
Density (25°C)	1.10	g/cm³	ISO 2811
pH	10.0		Internal Method
Viscosity (25°C)	12.0	sec	ISO 2431
Weight - Solids	37	%	Internal Method
Cross Hatch Adhesion [1]			ISO 2409
Aluminum	0		
Mild Steel	0		
Stainless Steel	0		
Direct Impact [2]			ISO 6272
Height	100.00	cm	
Indentation depth	0.50	cm	
Weight	2000	g	

Konig Hardness (40.0 to 50.0 µm)	1.8	min	ISO 1522
Theory Volume Solids	26	%	
Mechanical	Nominal Value		Test Method
Coefficient of Friction [3]	0.021		ASTM G133
Thermal	Nominal Value	Unit	Test Method
Melting Temperature [4]	372	°C	DSC
NOTE			
1.	Rating 0 to 5		
2.	Part 1		
3.	Using 250N Load, µm @ 10 min		
4.	Peak		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China