

# VICOTE® F816Blk

Polyetheretherketone

Victrex plc

## Message:

VICOTE® is the brand name for the Victrex range of coatings. VICOTE Coatings are available through Victrex or its preferred coater network. The VICOTE F815 and F816Blk grades have 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 have a low level of extractables. Contact Victrex for further details.

VICOTE F815 and F816Blk dispersions 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		
Mechanical	Nominal Value		Test Method
Coefficient of Friction <sup>1</sup>	0.15		ASTM G133
Additional Information	Nominal Value	Unit	Test Method
Cross Hatch Adhesion <sup>2</sup>			ISO 2409
Aluminum	0		
Mild Steel	0		
Stainless Steel	0		
Direct Impact <sup>3</sup>			ISO 6272
Height	100.00	cm	
Indentation depth	0.50	cm	
Weight	2000	g	
Konig Hardness (40.0 to 50.0 µm)	1.9	min	ISO 1522
NOTE			

1.	Using 250N Load, $\mu\text{m}$ @ 10 min
2.	Rating 0 to 5
3.	Part 1

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#### Recommended distributors for this material

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