

VICOTE® F807Blk

Polyetheretherketone

Victrex plc

Message:

The VICOTE F805 natural, F806 natural and F807Blk grades have been specifically formulated to provide a tough, resilient, high wear resistant coating with varying levels of lubricants on ferrous and non-ferrous substrates such as carbon steel, cast steel and aluminium. Typical properties are high continuous use temperature of 260°C, exceptional wear, abrasion and cut through resistance at these high temperatures combined with excellent chemical resistance. VICOTE dispersions have a low level of extractables. These properties are retained at high temperatures where other release coatings may potentially fail. Contact Victrex for further details.

VICOTE F805 natural, F806 natural and F807Blk dispersions are aqueous based however there are small amounts of solvents present. Refer to the appropriate MSDS sheet for details.

The 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 is renowned for.

VICOTE Coatings have excellent chemical resistance. Consult the Victrex Chemical Resistance brochure for further details.

General Information			
Features	Flame Retardant		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Toughness		
	Good Wear Resistance		
	High Heat Resistance		
	Low Extractables		
	Resilient		
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 ¹	0.17		ASTM G133
Additional Information	Nominal Value	Unit	Test Method
Cross Hatch Adhesion ²			ISO 2409
Aluminum	0		
Mild Steel	0		
Stainless Steel	0		
Direct Impact ³			ISO 6272
Height	100.00	cm	
Indentation depth	0.50	cm	

Weight	2000	g	
Konig Hardness (40.0 to 50.0 μm)	2.3	min	ISO 1522
NOTE			
1.	Using 250N Load, μm @ 10 min		
2.	Rating 0 to 5		
3.	Part 1		

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