

## Victrex® Vicote® 705 Black Polyetheretherketone (PEEK) Powder Coating

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

### Material Notes:

VICOTE 705Blk is a black pigmented version of the 705 grade. This grade has a nominal particle size of about 50 microns. The powder is dark grey in colour and is a low melt viscosity grade for lower film builds. Typical film thicknesses range from 50 - 80 microns. The final coating takes on a dark gun metal grey colour after stoving. VICOTE Coatings, like other noncoating 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. Typical properties are high continuous use temperature of 260°C, excellent wear, abrasion and cut through resistance at these high temperatures combined with excellent chemical and radiation resistance. VICOTE Coatings have a low level of extractables and are hydrolysis resistant and inherently flame retardant. Meets FDA 21 CFR 175.300 Information Provided by VICTREX®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Victrex-Vicote-705-Black-Polyetheretherketone-PEEK-Powder-Coating.php](http://www.lookpolymers.com/polymer_Victrex-Vicote-705-Black-Polyetheretherketone-PEEK-Powder-Coating.php)

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in³	ISO 1183

Thermal Properties	Metric	English	Comments
Melting Point	343 °C	649 °F	DSC
Glass Transition Temp, Tg	143 °C	289 °F	DSC
UL RTI, Electrical	260 °C	500 °F	UL 746B

Descriptive Properties	Value	Comments
Konig Hardness (seconds)	200	Test Method: BS EN ISO 1522

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China