

PRODUCT PORTFOLIO SUMMARY

(As of May 2017)



VICTREX™ PEEK Polymers

Unfilled Powder Grades

VICTREX PEEK 90P	Very easy flow coarse powder for extrusion compounding
VICTREX PEEK 150P	Easy flow coarse powder for extrusion compounding
VICTREX PEEK 150PF	Easy flow fine powder for compression molding
VICTREX PEEK 150UF10	Easy flow fine powder for composite manufacture
VICTREX PEEK 150XF	Easy flow fine powder for compression molding
VICTREX PEEK 380P	Standard flow coarse powder for extrusion compounding
VICTREX PEEK 450P	Standard flow coarse powder for extrusion compounding
VICTREX PEEK 450PF	Standard flow fine powder for compression molding
VICTREX PEEK 650P	Enhanced ductility coarse powder for extrusion compounding
VICTREX PEEK 650PF ¹	Enhanced ductility fine powder for compression molding

Unfilled Grades, Black Color

VICTREX PEEK 150G903	Easy flow for injection molding of thin sections and complex parts
VICTREX PEEK 450G903	Standard flow general purpose for injection molding and extrusion

Depth-Filtered Grades

VICTREX PEEK 90G	Very easy flow grade for injection molding of thin sections and complex parts
VICTREX PEEK 150G	Easy flow grade for injection molding of thin sections and complex parts
VICTREX PEEK 151G	Easy flow for multi and monofilament extrusion
VICTREX PEEK 381G	Standard flow for wire coating, capillary tubing, film and monofilament extrusion
VICTREX PEEK 450G	Standard flow general purpose for injection molding and extrusion
VICTREX PEEK 650G	Enhanced ductility for injection molding and extrusion

Glass-Filled Grades

VICTREX PEEK 90GL30	Very easy flow, 30% glass fiber reinforced
VICTREX PEEK 90GL30BLK-EU	Very easy flow, 30% glass fiber reinforced, black color, for direct food contact applications
VICTREX PEEK 90GL60	Standard flow, 60% glass fiber reinforced
VICTREX PEEK 150GL15	Very easy flow, 15% glass fiber reinforced
VICTREX PEEK 150GL20	Very easy flow, 20% glass fiber reinforced
VICTREX PEEK 150GL30	Easy flow, 30% glass fiber reinforced
VICTREX PEEK 150GL30BLK	Easy flow, 30% glass fiber reinforced, black color
VICTREX PEEK 450GL15	Standard flow, 15% glass fiber reinforced
VICTREX PEEK 450GL20 ¹	Standard flow, 20% glass fiber reinforced
VICTREX PEEK 450GL30	Standard flow, 30% glass fiber reinforced
VICTREX PEEK 450GL30BLK	Standard flow, 30% glass fiber reinforced, black color
VICTREX PEEK 650GL30 ¹	Enhanced toughness, 30% glass fiber reinforced

Carbon Fiber Reinforced Grades

VICTREX PEEK 90CA30 ¹	Very easy flow, 30% carbon fiber reinforced
VICTREX PEEK 150CA30	Easy flow, 30% carbon fiber reinforced
VICTREX PEEK 450CA20	Standard flow, 20% carbon fiber reinforced
VICTREX PEEK 450CA30	Standard flow, 30% carbon fiber reinforced
VICTREX PEEK 450CA40	Low flow, 40% carbon fiber reinforced
VICTREX PEEK 650CA30 ¹	Enhanced toughness, 30% carbon fiber reinforced
VICTREX PEEK 90HMF20	Very easy flow, superior mechanical performance, 20% carbon fiber reinforced
VICTREX PEEK 90HMF40	Easy flow, superior mechanical performance, 40% carbon fiber reinforced

Friction and Wear Polymer Grades	
VICTREX PEEK 150FC30	Easy flow, filled with 30% carbon fiber, PTFE and graphite
VICTREX PEEK 150FW30 ¹	Easy flow, filled with 30% carbon fiber and PTFE
VICTREX PEEK 450FC30	Standard flow, filled with 30% carbon fiber, PTFE and graphite
VICTREX PEEK 450FE20	Standard flow, filled with 20% PTFE
VICTREX WG™ Premium Wear Grades	
VICTREX WG 101	Standard premium wear grade for higher speed/load applications
VICTREX WG 102	Outperforms VICTREX WG™101 for higher speed applications
VICTREX HT™ Grades	
VICTREX HT™G22	Easy flow higher temperature performance than unfilled VICTREX™ PEEK resin
VICTREX HT G45	Standard flow higher temperature performance unfilled resin
VICTREX HT 22CA30	Standard flow 30% carbon fiber reinforced HT resin, for improved strength and stiffness at elevated temperatures
VICTREX HT 22GL30	Standard flow 30% glass fiber reinforced HT resin, for improved strength and stiffness at elevated temperatures
VICTREX HT P22	Easy flow higher temperature coarse powder for extrusion compounding
VICTREX HT P22PF	Easy flow higher temperature fine powder for compression molding
VICTREX HT P45	Standard flow higher temperature coarse powder for extrusion compounding
VICTREX HT P45PF	Standard flow higher temperature fine powder for compression molding
VICTREX ST™ Grades	
VICTREX ST STG45	Standard flow, higher temperature performance than VICTREX HT™, improved mechanical performance at elevated temperatures
VICTREX ST ST45CA30	Standard flow 30% carbon fiber reinforced ST resin, for improved strength and stiffness at elevated temperatures
VICTREX ST ST45GL30	30% glass fiber reinforced ST resin, for improved strength and stiffness at elevated temperatures

APTIV™ Films	
APTIV 1000 Series	Unfilled semi-crystalline films available in thicknesses from 8μ up to 750μ (1300 – black color from 50μ to 100μ)
APTIV 2000 Series	Unfilled amorphous films available in thicknesses from 6μ up to 300μ
APTIV 1100 Series	Mineral-filled semi-crystalline films available in thicknesses from 12μ to 125μ
APTIV 2100 Series	Mineral-filled amorphous films available in thicknesses of 25μ to 100μ

VICOTE™ Coatings	
VICOTE™ 700 Series Powder Grades	
VICOTE 701	Used electrostatically where heavy coating thickness is desired and where machining to tolerance maybe required.
VICOTE 702	Used electrostatically where increased flow and thinner coatings are desired. A good choice for thin electrostatic coatings with good melt flow.
VICOTE 703	Can be used electrostatically and/or in formulation of liquid dispersions.
VICOTE 704	Used in formulation of liquid dispersions.
VICOTE 705	Used electrostatically where higher flow is required. First choice for thinnest electrostatic coatings with highest melt flow.
VICOTE 705 BLK ¹	A black pigmented higher flow electrostatic powder coating.
VICOTE 706	Can be used electrostatically where higher flow and thinnest coatings are required.
VICOTE 707	Used where the high flow is required in formulation of liquid dispersions.
VICOTE 708	Used where higher temperature performance is required in formulation of liquid dispersions.
VICOTE 709	Used electrostatically with higher temperature performance requirements.

VICOTE™ Coatings (Continued)

VICOTE™ 800 Series Aqueous Dispersion Grades

VICOTE F804	A pure VICTREX™ PEEK dispersion with high temperature resistance of 260°C (500°F). Natural color.
VICOTE F804 BLK ²	A black pigmented version of the VICOTE™ F804 grade.
VICOTE F805, F806	Tough resilient, high wear resistant coating with varying levels of solid lubricant resins. Natural color.
VICOTE F807 BLK ²	A black pigmented version of the VICOTE™ F806 grade offering very good wear and abrasion properties.
VICOTE F808, F809	Specially formulated grades to provide a resilient coating with varying levels of solid lubricant resins that give good release and excellent wear properties.
VICOTE F810 BLK ²	A black pigmented version of the VICOTE™ F809 grade.
VICOTE F815	Specifically formulated to provide a resilient coating with high wear and abrasion resistance combined with very good continuous release properties. Natural color.
VICOTE F816 BLK ²	A black pigmented version of VICOTE™ F815.
VICOTE F817	Enhanced adhesion grade specially formulated for use on metal substrates where limited surface roughening is possible. Blue in color.

¹ Made to order grade, not in inventory.

² Electrostatic dissipative (ESD) grades. All other grades are insulative coatings.

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