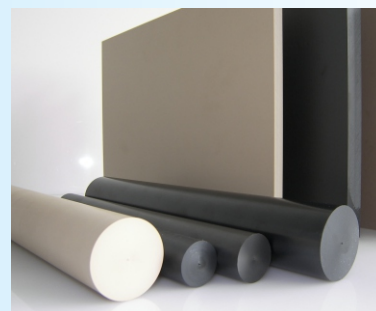


SustaPEEK (made with Victrex® PEEK™ polymers)

Röchling and Victrex work together to deliver value beyond the Polymer..

By offering a comprehensive portfolio, product consistency and application development support, Röchling and Victrex are truly committed to grow our customers' business by providing our expertise with a quality product that is trusted and proven.



SustaPEEK

Röchling Engineering Plastics manufactures a full range of high performance plastics featuring its SustaPEEK line of products including: SustaPEEK (natural & black), SustaPEEK GF 30, SustaPEEK CF 30, SustaPEEK HT (High Temp) and SustaPEEK MOD (Bearing Grade). Röchling's SustaPEEK products are manufactured with the industry's most specified and preferred PEEK resin from Victrex. Our Material Certifications will state for example "made with Victrex® PEEK™ 450G".

SustaPEEK is specifically designed for

- Analytical Instruments
- Aircraft components
- Medical devices & instrumentation
- Semiconductor applications
- Down hole oil well parts
- Pump rotors & housings

Property	Units	Test Method	Value Natural	Value GF 30
Specific Gravity	g/cm ³	ASTM D 792	1.32	1.51
Tensile Strength	psi	ASTM D 638	16,000	24,000
Elongation	%	ASTM D 638	20	3
Flexural Modulus	psi	ASTM D 790	600,000	1,350,000
Notched Izod	ft-lb/in	ASTM D 256	1.2	1.4
Rockwell Hardness	-	ASTM D 785	M105	M105

Product Features

- Continuous use temperature of 480° F
- Intrinsic flame retardancy
- Outstanding rigidity at high temperatures
- Excellent chemical resistance
- Good dimensional stability
- FDA compliant
- Excellent hydrolysis resistance

Available as sheets & rods

(1/4" - 2-1/2") x 24" x 48"
 (1/4" - 6" dia), 10ft lengths



The values indicated result from numerous measurements for an approximation of the values and are to our best knowledge. They serve as information about our products and are presented as a guide to choose from a range of materials. This however does not include an assurance of specific properties or the suitability for particular application purposes that are legally binding. Since the properties also depend on the dimension of the semi-finished products and the degree of crystallization (e.g. nucleating by pigments), the actual values of the properties of a particular product may differ from indicated values.

Röchling Engineering Plastics offers the most comprehensive product line in the USA and Canada including:

Polystone® M (UHMW-PE)	Sustamid® Nylon
Polystone® P (Polypropylene)	Sustarin® Acetal
Polystone® G (HDPE)	Susta HPM's

VICTREX® is a registered trademark of Victrex Manufacturing Limited in the US, European Community and elsewhere. PEEK™ is a trademark of Victrex plc.

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