



Datasheet

ENGLISH

Stock No: 129-836

RS Pro Beige Polyetheretherketone (PEEK) Sheet, 500mm x 50mm x 12mm



Product Details

Victrex® PEEK 450G

Typical applications include valve seats in steam and water mixers, components in a high temperature diesel engine turbo actuators etc.

Continuous working temperature approx 250°C

No significant degradation in steam or high pressure water environments

Can absorb over 1000 Mrads of radiation without appreciable loss of mechanical properties

Excellent resistance to a wide range of organic and inorganic liquids, and resistant to all common solvents

Fawn in colour



ENGLISH

Max Service Temperature (Long Term)	260°C
Elongation	5 %
Tensile Strength MPa	92
Hardness (Rockwell-Shore D)	M99 (Rockwell)
Flammability Rating	UL 94 V-0
Water Absorption	0.5 %

Note

No. Per Lot is 1

©Victrex is a registered trade mark of Victrex Ltd

Specifications:

Colour	Beige
Length	500mm
Width	50mm
Thickness	12mm
Material	PEEK
Density	1.32g/cm ³
Tensile Strength	95 MPa
Hardness	M 99 Rockwell
Flammability Rating	UL 94 V-0
Water Absorption	0.5%
Maximum Operating Temperature	+300°C
Elongation	25%