



ENGLISH

Datasheet

Stock No: 514-647

RS Pro Beige Polyetheretherketone (PEEK) Sheet



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



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Product Details

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

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PEEK

PEEK (Polyetheretherketone) high performance thermoplastics are chemical, abrasion and impact resistant. They possess good machineability and self-lubricating properties.



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Specifications:

Colour	Beige
Length	300mm
Width	245mm
Thickness	6mm
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%