



ENGLISH

Datasheet

Stock No: 297-0125

RS Pro Beige Polyetheretherketone (PEEK) Rod, 300mm x 30mm Diameter



Product Details

PEEK GF30

PEEK GF30 is a 30% glass fibre reinforced material offering extremely high dimensional stability together with very high thermal-mechanical strength. Suitable for use in highly demanding applications including thermal/electrical insulators, plug parts, high thermal/mechanical loaded parts and support rings etc.

Good chemical/radiation resistance

Hydrolysis resistant even against superheated steam

Very rigid with high creep resistance

Electrically insulating

Manufactured to DIN 53479; DIN53765; DIN53765-D-10; ASTM-D 1929

Supplied in 300mm lengths

Beige in colour

Max Service Temperature (Long Term)	260°C
Elongation	2.2 %
Tensile Strength MPa	157
Hardness (Rockwell-Shore D)	M100 (Rockwell)
Flammability Rating	UL 94 V-0
Water Absorption	0.1 %

Specifications:

Colour	Beige
Length	300mm
Material	PEEK
Form	Rod
Rod Diameter	30mm
Density	1.49g/cm ³
Tensile Strength	180 MPa
Flammability Rating	UL 94 V-0
Maximum Operating Temperature	+260°C
Elongation	2.5%
Hardness	M 103 Rockwell
Water Absorption	0.1%