

Datasheet

RS Pro Beige Polyetheretherketone (PEEK) Rod, 300mm x 40mm Diameter

RS Stock No: **297-0119**



Product Details

RS Pro polyetheretherketone rod in beige colour, measures 300 mm long with a diameter of 40 mm. This PEEK GF30 rod has 30% glass fibre reinforced material offering extremely high dimensional stability with a very high thermal/mechanical strength. It is suitable for use in highly demanding applications including thermal/electrical insulators, plug parts, high thermal/mechanical loaded parts and support rings etc.

Features and Benefits

- 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 300 mm lengths

Specifications:

Colour	Beige
Flammability Rating	UL94 V-0
Form	Rod
Hardness	M 103 Rockwell
Material	PEEK
Density	1.49 g/cm ³
Elongation	2.2%
Length	300 mm
Maximum Operating Temperature	+260°C
Rod Diameter	40 mm
Water Absorption	0.1%
Tensile Strength	180 MPa