

ENGLISH

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

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.



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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