

Datasheet

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

RS Stock No: **297-0153**



Product Details

RS Pro polyetheretherketone (PEEK) rod in black colour, measures 300 mm long with a diameter of 40 mm. This PEEK rod offers optimised properties for demanding bearing and friction requirements, with the addition of carbon, graphite and PTFE. This high performance thermoplastics PEEK rod offers high chemical, abrasion and impact resistant. It possess good machine ability and self-lubricating properties.

Features and Benefits

- PEEK (Polyetheretherketone) high performance thermoplastics are chemical, abrasion and impact resistant
- possess good machinability and self-lubricating properties
- 208 ball indentation hardness

**Specifications:**

Colour	Black
Flammability Rating	UL94 V-0
Form	Rod
Hardness	208 Ball Indentation
Material	PEEK
Density	1.48 g/cm ³
Elongation	1.5%
Length	300 mm
Maximum Operating Temperature	+260°C
Rod Diameter	40 mm
Water Absorption	0.1%
Tensile Strength	130 MPa