

## Features

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

## RS PRO Black Polyetheretherketone (PEEK) Rod, 300mm x 10mm Diameter

RS Stock No.: 297-0147



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

RS PRO polyetheretherketone (PEEK) rod in black colour, measures 300 mm long with a diameter of 10 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.

## General Specifications

Colour	Black
Form	Rod
Hardness	208 Ball Indentation
Material	PEEK
Density	1.48 g/cm <sup>3</sup>
Elongation	1.5%
Maximum Operating Temperature	+260°C
Water Absorption	0.1%
Tensile Strength	130 MPa

## Mechanical Specifications

Length	300 mm
Rod Diameter	10 mm

## Approvals

Flammability Rating	UL94 V-0
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