



ENGLISH

Datasheet

## RS Pro Black Acetal Rod, 500mm x 100mm Diameter

RS Stock No: **438-6285**



### Product Details

RS Pro acetal rod in black colour, measures 500 mm long with a diameter of 100 mm. The rod possess high strength and rigidity for longer life. The raw material granules used to make this rod, meets the requirements of FDA 21CFR 177.2470 for repeated food contact. The material is processed according to the granule suppliers guidelines. The application includes instrument handles, friction bearings/strips, insulators and seals etc.

### Features and Benefits

- High strength and rigidity
- Material is processed according to the granule suppliers guidelines
- Applications include instrument handles, friction bearings/strips, insulators and seals etc

**Specifications:**

Colour	Black
Flammability Rating	UL 94 HB
Form	Rod
Hardness	M 86 Rockwell
Material	Acetal
Polymer Type	Copolymer
Density	1.41 g/cm <sup>3</sup>
Elongation	30%
Length	500 mm
Maximum Operating Temperature	+100°C
Rod Diameter	100 mm
Water Absorption	0.5%
Tensile Strength	60 MPa