



ENGLISH

Datasheet

## RS Pro Black Acetal Rod, 1000mm x 40mm Diameter

RS Stock No: **282-0345**



### Product Details

RS Pro acetal rod in black colour, measures 1000 mm long with a diameter of 40 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 applications include instrument handles, friction bearings/strips, insulators and seals etc.

### Features and Benefits

- Has high strength and rigidity
- Raw material granules used meet the requirements of FDA 21CFR 177.2470 for repeated food contact
- Only applies to the colours the BLACK is NON-FDA compliant
- 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	1000 mm
Maximum Operating Temperature	+100°C
Rod Diameter	40 mm
Water Absorption	0.5%
Tensile Strength	55 MPa