

Datasheet

Stock No: 680-448

# RS Pro White Acetal Rod, 1000mm x 10mm Diameter



## Product Details

### Acetal Copolymer

Low moisture absorption and good chemical resistance with excellent mechanical strength. Dimensionally stable, suitable for close tolerance components, bearings, bushes, gears, valves and valve seatings. White in colour

Max Service Temp.	100°C
Elongation	40%
Tensile Strength	65 MPa
Hardness (Rockwell-Shore D)	M86 Rockwell
Flammability Rating	UL 94 HB
Water Absorption	0.5% at saturation

### Acetal Copolymer & Homopolymer

Both materials are available in rod and sheet form, they are abrasion and impact resistant and exhibit good chemical resistance. They are easy to machine and have excellent self lubricating properties. Both are UV light resistant and can be welded.



## Specifications

Colour	White
Length	1000mm
Material	Acetal
Form	Rod
Rod Diameter	10mm
Density	1.41g/cm <sup>3</sup>
Tensile Strength	60 MPa
Flammability Rating	UL 94 HB
Maximum Operating Temperature	+100°C
Elongation	30%
Polymer Type	Copolymer
Hardness	M 86 Rockwell
Water Absorption	0.5%