



ENGLISH

## Datasheet

Stock No: 139-502

# RS Pro White Acetal Rod



## 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	30mm
Density	1.41g/cm <sup>3</sup>
Tensile Strength	60 MPa
Flammability Rating	UL 94 HB
Polymer Type	Copolymer
Elongation	30%
Water Absorption	0.5%
Hardness	M 86 Rockwell
Maximum Operating Temperature	+100°C