



ENGLISH

## Datasheet

Stock No: 514-427

# RS Pro White Acetal Rod



## Product Details

### Acetal Homopolymer - Delrin®

Delrin® has similar properties to Acetal Copolymer but with better mechanical and machining properties. Resistance to hot water and alkalis is slightly inferior.

Max Service Temp.	100°C
Elongation	40%
Tensile Strength	70 MPa
Hardness (Rockwell-Shore D)	M90 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.



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## Specifications:

Colour	White
Length	500mm
Material	Acetal
Form	Rod
Rod Diameter	125mm
Density	1.42g/cm <sup>3</sup>
Tensile Strength	70 MPa
Flammability Rating	UL 94 HB
Hardness	M 90 Rockwell
Maximum Operating Temperature	+100°C
Polymer Type	Homopolymer
Water Absorption	0.5%
Elongation	25%