



ENGLISH

Datasheet

Stock No: 514-467

RS Pro Black Acetal Rod



Product Details

Acetal, Copolymer (POM)

Has high strength and rigidity. The raw material granules used meet the requirements of FDA 21CFR 177.2470 for repeated food contact, this only applies to the colours the BLACK is NON-FDA compliant. The material is processed according to the granule suppliers guidelines. Applications: instrument handles, friction bearings/strips, insulators and seals etc.

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



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Product Details

Note

This material is not suitable or approved for medical implantation into the human body

Tolerance thickness plates: +0.2 mm → +0.9 mm

Acetal - Copolymer (POM) & Static Dissipative

These materials are available in both sheet and rod form. They possess good abrasion and chemical resistance, have good impact resistance and can be easily machined.

Specifications:

Colour	Black
Length	1000mm
Material	Acetal
Form	Rod
Rod Diameter	65mm
Density	1.41g/cm ³
Tensile Strength	55 MPa
Flammability Rating	UL 94 HB
Hardness	M 86 Rockwell
Elongation	30%
Maximum Operating Temperature	+100°C
Polymer Type	Copolymer
Water Absorption	0.5%