



Datasheet

Stock No: 770-024

ENGLISH

# RS Pro White Nylon Rod, 1000mm x 40mm Diameter



## Product Details:

### Nylon 66

- High melting point Nylon 66
- Good electrical characteristics
- High chemical resistance
- Impact resistant
- Easily machined to make gears
- White in colour

Max. Service Temp. (Long Term)	+100°C
Elongation	40%
Tensile Strength	70-90 MPa
Density	1.41 g/cm
Flammability Rating	UL 94 V-2
Water Absorption	7-9% at saturation

## Natural & Cast Nylon

These materials have good chemical, abrasion and UV resistance, are easy to machine and possess good self-lubricating qualities. They are resistant to hot water and can be welded.



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## Specifications:

Colour:	White
Length:	1000mm
Material:	Nylon
Form:	Rod
Rod Diameter:	40mm
Density:	1.14g/cm <sup>3</sup>
Tensile Strength:	60 (Wet) MPa, 80 (Dry) MPa
Flammability Rating:	UL HB
Maximum Operating Temperature:	+170°C
Elongation:	150%
Water Absorption:	8.5%