



ENGLISH

## Datasheet

Stock No: 514-805

# RS Pro White Nylon Rod, 1000mm x 32mm 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



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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.

### Specifications:

Colour	White
Length	1000mm
Material	Nylon
Form	Rod
Rod Diameter	32mm
Density	1.14g/cm <sup>3</sup>
Tensile Strength	60 (Wet) MPa, 80 (Dry) MPa
Flammability Rating	UL HB
Water Absorption	8.5%
Elongation	150%
Maximum Operating Temperature	+170°C