



ENGLISH

Datasheet

Stock No: 514-445

## RS Pro White Nylon Rod



### 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



## Product Details

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	500mm
Material	Nylon
Form	Rod
Rod Diameter	110mm
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