



ENGLISH

Datasheet

Stock No: 680-246

RS Pro White Nylon Rod, 1000mm x 10mm 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.

Specifications

Colour	White
Length	1000mm
Material	Nylon
Form	Rod
Rod Diameter	10mm
Density	1.14g/cm ³
Tensile Strength	60 (Wet) MPa, 80 (Dry) MPa
Flammability Rating	UL HB
Water Absorption	8.5%
Elongation	150%
Maximum Operating Temperature	+170°C