



ENGLISH

Datasheet

Stock No: 514-382

## RS Pro Black Nylon Rod



### Product Details

#### Nylon 6

Black extruded Nylon 6 containing MoS<sub>2</sub>

Good sliding and dry running properties

Resistant to oils, grease, petrol etc.

Easily welded, bonded, machined and polished

UV and weather resistant

Suitable for friction bearings/strips, gears, castors, pulleys, chains, wheels and machine parts etc

Black in colour

Tolerance thickness sheets: +0.2 mm → +0.9 mm



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## Product Details

Max. Service Temp. (Long Term)	+100°C
Elongation	40%
Tensile Strength	60-85 MPa
Hardness (Rockwell-Shore D)	M88 (Rockwell)
Flammability Rating	UL 94 HB
Water Absorption	8-9% at saturation

### Note

This material is not electrically insulating

### 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	Black
Length	1000mm
Material	Nylon
Form	Rod
Rod Diameter	60mm
Density	1.14g/cm <sup>3</sup>
Tensile Strength	75 MPa
Flammability Rating	UL 94 HB
Elongation	25%
Maximum Operating Temperature	+160°C
Water Absorption	8 to 9%