

Datasheet

## RS Pro Black Nylon Rod, 500mm x 150mm Diameter

RS Stock No: **438-6437**



### Product Details

RS Pro cast nylon 6 rod in black colour, measures 500 mm long with a diameter of 150 mm. The composition of rod is modified by addition of molybdenum disulfide for an extra strength. This rod possess low friction with self-lubricating properties and is capable of working under high temperatures with an high mechanical strength. The nylon 6 rod offers high abrasive and UV light resistance. It is suitable for bushes, bearings, gears and wheels.

### Features and Benefits

- Modified by addition of molybdenum disulfide
- Low friction and self-lubricating
- Capable of high temperatures and high mechanical strength
- High abrasive and ultra-violet light resistant
- Suitable for bushes, bearings, gears and wheels etc
- Comes in black colour

**Specifications:**

Colour	Black
Flammability Rating	UL 94 HB
Form	Rod
Hardness	145 Ball Indentation
Material	Nylon
Density	1.15 g/cm <sup>3</sup>
Elongation	60%
Length	500 mm
Maximum Operating Temperature	+170°C
Rod Diameter	150 mm
Water Absorption	6%
Tensile Strength	75 MPa