



ENGLISH

Datasheet

Stock No: 282-0604

RS Pro Black Nylon Sheet, 500mm x 500mm x 16mm



Product Details

Cast Nylon 6 - MoS₂ Filled

Modified by addition of Molybdenum Disulphide. 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. Black in colour

Max. Service Temp. (Long Term)	100°C
Elongation	40 - 60 % (at break) %
Tensile Strength	65 MPa
Hardness (Rockwell-Shore D)	M88 (Rockwell)
Flammability Rating	UL 94 HB
Water Absorption	6% at saturation

Nylatron / MoS₂ Filled Nylon

Nylatron® / MoS₂ Filled Nylon

These materials are abrasion resistant and self-lubricating and have reasonably good chemical resistance to weak acids.



Specifications

Colour	Black
Length	500mm
Width	500mm
Thickness	16mm
Material	Nylon
Density	1.15g/cm ³
Tensile Strength	75 MPa
Flammability Rating	UL 94 HB
Water Absorption	6%
Maximum Operating Temperature	+170°C
Elongation	60%