

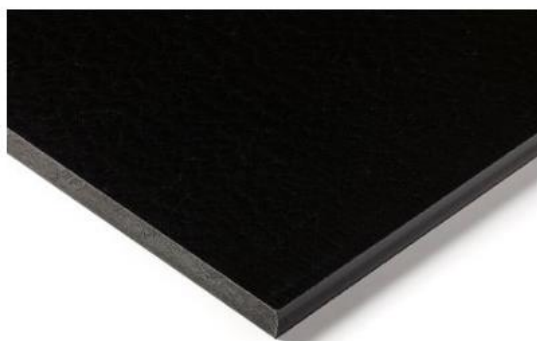


ENGLISH

Datasheet

Stock No: 282-0733

RS Pro Black Nylon Sheet, 500mm x 300mm x 10mm



Product Details

Nylon 6

Black extruded Nylon 6 containing MoS₂

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

| | |
|--------------------------------|--------------------|
| 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.



Specifications

| | |
|-------------------------------|-----------------------|
| Colour | Black |
| Length | 500mm |
| Width | 300mm |
| Thickness | 10mm |
| Material | Nylon |
| Density | 1.14g/cm ³ |
| Tensile Strength | 75 MPa |
| Flammability Rating | UL 94 HB |
| Water Absorption | 8 → 9% |
| Maximum Operating Temperature | +160°C |
| Elongation | 25% |