



ENGLISH

Datasheet

Stock No: 824-626

RS Pro Acrylic Rod, 1000mm x 50mm Diameter



Product Details

Acrylic Sheet & Rod

High chemical resistance thermoplastic, available in either cast or extruded types.

Cast Acrylic

Surface quality achieved by casting against glass

92% Light transmission

Excellent long term weather resistance with no discolouration

**Extruded Acrylic**

Machineable and easy to weld

High impact and weather resistance

Available in clear rod and sheet, or 5mm thick opaque translucent sheet

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|--------------------------------|--------|
| Max. Service Temp. (Long Term) | 70°C |
| Elongation at Break | 1.41 |
| Tensile Strength at yield | 65 MPa |
| Density g/cm ³ | 1.41 |
| Hardness (Rockwell-Shore D) | M90 |
| Water Absorption | 0.005% |

Specifications:

| | |
|-------------------------------|-----------------------|
| Length | 1000mm |
| Material | Acrylic |
| Form | Rod |
| Rod Diameter | 50mm |
| Density | 1.41g/cm ³ |
| Tensile Strength | 65 MPa |
| Maximum Operating Temperature | +70°C |
| Water Absorption | 0.005% |
| Hardness | M 90 Rockwell |