

Datasheet

Stock No: 680-842

# RS Pro Acrylic Rod, 1000mm x 10mm 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

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



## Specifications

Length	1000mm
Material	Acrylic
Form	Rod
Rod Diameter	10mm
Density	1.41g/cm <sup>3</sup>
Tensile Strength	65 MPa
Water Absorption	0.005%
Hardness	M 90 Rockwell
Maximum Operating Temperature	+70°C