Attwater & Sons Ltd +44 (0)1772 258245
Email: info@attwater.com
www.attwater.com

Date Generated: Sunday 15th of November 2026

Fabric rod (F2) * Product Data Sheet

F2 Phenolic Medium Weave Cotton Moulded Rod

Material Details

Grade:	Fabric rod (F2) *
Description:	Phenolic Medium weave cotton. Phenolic cotton moulded rod
Comments:	Fabric rod (F2) is a moulded rod manufactured from high quality cotton fabric which is bonded with a phenolic resin. Rods are available moulded, ground or machined to size required in diameters of up to 100mm Un-ground rods; Rods supplied as moulded are ideal if you intend to turn finished components. In this condition the rods exhibit some mould lines and can be slightly eccentric. We recommend a selection of rod size that is slightly larger diameter than the required finish size I.e. 10% larger. Whilst the values contained within this datasheet are believed to be indicative of those of the product, batch testing is not carried out. Certification of values may be available subject to individual testing. * Not manufactured by The Attwater Group
Body Colour:	Sandy Brown
Finish:	Moulded
Size:	Thickness Range: 6-100.0

General Properties

Property	Unit of measure	Typical Value
Density	g/cm3	1.3
Water Absorption	mg	8

¥ Where relevant, the flammability test method is used solely to control and monitor consistency of production.

Under no conditions should the results be considered in relation to fire hazards under actual conditions of use.

Electrical Properties

Property	Unit of measure	Typical Value
IR (24hrs Water Immersed)	G Ω	1

Mechanical Properties

Property	Unit of measure	Typical Value
Flexural Strength	MPa	135
Compressive Strength (Flat 20°C)	MPa	80

Thermal Properties

Property	Unit of measure	Typical Value
Thermal Rating Continuous	°C	120

Disclaimer: The above values are based upon routine test data and do not form the basis of a supply contract. These products may be used in a diverse range of applications and whilst every effort is made to ensure the information in this data sheet is accurate, it must be stressed that it is the user’s responsibility to ensure suitability for the intended end use.

Source: https://www.attwater.com/products/fabric-rod-f2/