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## Paper rod Product Data Sheet

### Material Details

|                         |   |
|-------------------------|---|
| <b>Grade:</b>           | Paper rod. (Type: Rods)   |
| <b>Description:</b>     | Phenolic Paper. Phenolic paper moulded rod  |
| <b>Comments:</b>        | SRBP moulded rod is a manufactured from high quality cellulose paper which is bonded with a phenolic resin. Rods are available ground or machined to size required in diameters of up to 100mm 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. |
| <b>Body Colour:</b>     | Brown   |
| <b>Standard Finish:</b> | Ground  |
| <b>Size:</b>            | Thickness Range: 6-100.0 †  |

### General Properties

| Property         | Unit of measure   | Typical Value |
|------------------|-------------------|---------------|
| Density          | g/cm <sup>3</sup> | 1.35          |
| Water Absorption | mg                | 1.2           |

† 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 □             | 1300          |

### Mechanical Properties

| Property          | Unit of measure | Typical Value |
|-------------------|-----------------|---------------|
| Flexural Strength | MPa             | 160           |

## Thermal Properties

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

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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/paper-rod/>