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## Lectraglass EPR Product Data Sheet

# Lectraglass EPR Epoxy Glass Fibre SRBG

### Material Details

<b>Grade:</b>	Lectraglass EPR
<b>Description:</b>	Epoxy Glass . Enhanced properties black & clear as standard, other colours available on MOQ
<b>Comments:</b>	<p>The choice of glass cloth ensures optimum axial mechanical properties.</p> <p>Commonly used as whip antenna, telescopic masts, structural and sports applications. Tubes exhibit excellent flexural, tensile and compressive strength and good flexural modulus. Available in a range of pigmented colours, EPR can be used in conjunction with carbon fibre tube to create a range of carbon / glass hybrids.</p>
<b>Body Colour:</b>	Various available
<b>Finish:</b>	Ground (unless otherwise stated)
<b>Size:</b>	<p>980mm trimmed std. Up to 3000 mm possible</p> <p>Thickness Range: Min i.d 9 mm Min wall 1.0mm(Ground) 2.0mm(as produced).</p>

### General Properties

Property	Unit of measure	Typical Value
Density	g/cm <sup>3</sup>	1.9
Water Absorption	mg	20

¥ 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
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IR (24hrs Water Immersed)	G Ω	650
IR (Dry)	G Ω	650
Radial Electric Strength	MV/m	10

## Mechanical Properties

Property	Unit of measure	Typical Value
Cohesion	--	200
Axial Compressive	--	400

## Thermal Properties

Property	Unit of measure	Typical Value
Thermal Rating Continuous	°C	90

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/lectraglass-epr/>