

Date Generated: Thursday 7th of May 2026

Lectraglass EHT Product Data Sheet

BSEN61212-3-1-EPGC22 Lectraglass EHT Epoxy Glass Fibre SRBG

Material Details

Grade:	Lectraglass EHT
Description:	Epoxy Glass. Good electrical insulation, high corrosion resistance. Used at elevated temperatures.
Comments:	<p>Fine weave glass fibre fabric with a high temperature epoxy resin system capable of continuous operation at 155°C.</p> <p>Industry Sectors/Applications Include: electrical, general engineering, battery /bearing Housings and instrument measuring devices. This product is available with a post cure which facilitates machining.</p>
Specifications:	BSEN61212-3-1-EPGC22 (Which supersedes BS6128 EPGC81). The closest NEMA equivalent to this specification is G11
Body Colour:	green / yellow
Finish:	Ground (unless otherwise stated)
Size:	<p>1350mm trimmed (max)</p> <p>Thickness Range: Min ID 8.0mm, Min wall 1.0mm(Ground) 2.0mm(as produced).</p>

General Properties

Property	Unit of measure	Typical Value
Density	g/cm ³	1.8
Water Absorption	mg	0.3

¥ 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	160
Breakdown voltage (parallel to laminations, Step by Step)	kV/mm	11
Electric strength (perpendicular to laminations, Step by Step)	kV	60

Mechanical Properties

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

Thermal Properties

Property	Unit of measure	Typical Value
Thermal Rating Continuous	°C	155

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-eh/>