

LARIVER GRP (glass-fibre reinforced plastic) in flat panels is widely used in the RT body-building sector.

LARIVER GRP is produced on modern continuous lamination lines using high quality polyester resins and glass fibre to provide a product with high mechanical strength.

Resistance to Corrosion

The product has good resistance to general corrosion by chemical and salt water.

Biological Resistance

The product has good resistance to micro-organisms, algae, mildew and fungus

Sizes Available

Colour: Milk White or Blue
Thickness: 1.3mm
Width: 2550mm
Full Rolls: 42 metres long
Cut sheets: From 4000mm long (minimum)
Different coil widths and / or coil lengths are available on forward order

Dimensional Tolerances

Unit Weight: + or - 10%
Average Thickness: + or - 15%
Width: + or - 1%
Lengths: + or - 1%

MECHANICAL PROPERTIES

Tensile Strength: > 50 MPa
Bending Strength: 80 – 90 MPA
Modulus of Elasticity: 6000/7000 MPa
Elongation: Approx 2%
Bakol Hardness: >40

OTHER PROPERTIES

Self-ignition Temperature: Approx 480OC
Fibre-Glass Content: 25 / 30%
Light Transmission: >50%
Density: 1.4 -1.45 g/cm³
Service Temperature: -40 to +120 Centigrade
Water Absorption: 0.2%
Thermal Linear Expansion Coefficient: 2.7×10^{-5} cm/cm/degree C
Heat Transmission Coefficient: Approx 5Kcal/m² h degree C

CONTACT

Address: Please make contact directly with your local service centre, which can be found via the Locations page of our web site
Web: www.aalco.co.uk

REVISION HISTORY

Datasheet Updated 12 August 2013

DISCLAIMER

This Data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

Please note that the 'Datasheet Update' date shown above is no guarantee of accuracy or whether the datasheet is up to date.

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Material supplied by the Company may vary significantly from this data, but will conform to all relevant and applicable standards.

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