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LANTEX LTG473 Product Data Sheet

Material details

Grade:	LTG473. (Type: Glass Fibre - SRBG).
Description:	Epoxy Glass. Flame Retardent
Comments:	As LTG474 but utilises a fine-weave glass cloth for improved machining capabilities. Predominantly used for tubes with an ID of less than 10mm.
Specifications:	IEC/EN61212-3-1: EP GC 23. NEMA equivalent: FR-4.
Body Colour:	Pale Green/Yellow
Standard Sizes:	1220mm trimmed (max) Min ID 3.2mm, Min wall 0.8mm

General properties:	Unit of measure:	Typical Value:
Density	Mg/m3	1.8
Water Absorption	Mg/cm2	1.5
Flammability Category†		UL94-VO

Electrical properties:	Unit of measure:	Typical Value:
IR (24hrs Water Immersed)	M Ω	10^3
Electrical strength normal to axis in oil at 90°C	KV	8
Axial electrical strength in oil at 90°C	KV	45

Mechanical properties:	Unit of measure:	Typical Value:
Cohesive Strength	Mpa	350
Compressive Strength	Mpa	235

Thermal properties:	Unit of measure:	Typical Value:
Thermal Rating Continuous	°C	130 (Class B)

Notes:

† The 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.

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.

Note tubes with a wall thickness of 12.7mm and over or wall thickness equal or greater than the ID could contain stress cracks / voids.