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# LANTEX LTG472 Product Data Sheet

## Material details

| | |
|---|---|
| **Grade:** | LTG472. (Type: Glass Fibre - SRBG). |
| **Description:** | Epoxy Glass. |
| **Comments:** | A general purpose, mechanical grade tube which is suitable for use at 130°c (class B). The material offers particularly good electrical and mechanical properties and a high resistance to chemicals. |

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|---|---|
| **Specifications:** | IEC/EN61212-3-1: EP GC 21. DIN7735: HGW 2375. NEMA equivalent: G-10. |
| **Body Colour:** | Pale Green/Yellow |
| **Standard Sizes:** | 1220mm trimmed (max)<br>Min ID 10mm, Min wall 0.8mm |

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

| **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.