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T10 Product Data Sheet

Material Details

| | |
|-------------------------|---|
| Grade: | T10. (Type: Paper & Fabric - SRBP & SRBF (Not manufactured by The Attwater Group)) |
| Description: | Phenolic Cotton. Electrical Grade (Not manufactured by The Attwater Group) |
| Comments: | A high quality Phenolic cotton tube manufactured from fine weave cloth and phenolic resin. T10 tube exhibits excellent electrical and mechanical properties and may be machined to a fine finish. |
| Specifications: | BSEN61212 PFCC21 (Which supersedes BS6128 PFCC81). The closest NEMA equivalent to this specification is LE. |
| Body Colour: | Light brown |
| Standard Finish: | Ground (unless otherwise stated) |
| Size: | 1220mm trimmed (max) Thickness Range: Min ID 8.0mm, Min wall 1.0mm(Ground) 2.0mm(as produced). † |

General Properties

| Property | Unit of measure | Typical Value |
|------------------|-------------------|---------------|
| Density | g/cm ³ | 1.35 |
| Water Absorption | mg | 2.5 |

‡ 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 □ | 0.09 |
| IR (Dry) | G □ | 0.09 |
| Radial Electric Strength | MV/m | 3.5 |

Mechanical Properties

| Property | Unit of measure | Typical Value |
|-------------------|-----------------|---------------|
| Cohesion | - | 180 |
| Axial Compressive | - | 200 |

Thermal Properties

| Property | Unit of measure | Typical Value |
|---------------------------|-----------------|---------------|
| Thermal Rating Continuous | °C | 120 |

Notes

- Datasheet Issue No. 1

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/t10s/>