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T36 Product Data Sheet

Material Details

Grade:	T36. (Type: Glass Fibre - SRBG (Not manufactured by The Attwater Group))
Description:	Epoxy Glass. (Not manufactured by The Attwater Group)
Comments:	A high quality epoxy glass tube which is suitable for use at 155?C (Class F). T36 exhibits excellent mechanical and electrical characteristics, low water absorption, high insulation resistance and excellent resistance to axial compression.
Specifications:	BSEN61212 EPGC22 The closest NEMA equivalent to this specification is G11.
Body Colour:	Pale Green
Standard Finish:	Ground (unless otherwise stated)
Size:	1220mm trimmed (max) Thickness Range: Min ID 9mm, Min wall 1.0mm(Ground) 2.0mm(as produced). †

General Properties

Property	Unit of measure	Typical Value
Density	g/cm3	1.9
Water Absorption	mg	0.2

¥ 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 □	500
IR (Dry)	G □	500
Radial Electric Strength	kV/mm	11

Mechanical Properties

Property	Unit of measure	Typical Value
Cohesion	MPa	420
Axial Compressive	MPa	230

Thermal Properties

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

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/t36/