

G11 TUBES

TECHNICAL DATA SHEET

REV.00 of 18/03/2005



DESCRIPTION:

G11 tubes are made from glass fiber with epoxy resin.
 Good mechanical and dielectric properties.

TECHNICAL SPECIFICATIONS:

Specific weight	1.65	g/cm ³	CEI
Hygroscopicity	0.5	%	CEI
Compressive strength	15000	N/cm ²	CEI
Flexural strength ⊥ lamination	20000	N/cm ²	CEI
Delamination resistance	-	N	CEI
Charpy impact resistance	-	J/cm ²	CEI
Dielectric strength ⊥ lamination	20	KV/3mm	CEI
Dielectric strength // lamination	30	KV	CEI
Dielectric resistivity (surface)	10 ³	MΩ	CEI
Dielectric resistivity (volume)	10 ⁴	MΩcm	CEI
Electrical resistivity between plugs	10 ³	MΩ	CEI
Tracking resistance	>300	V	IEC112
Arch resistance (dry)	-	Sec.	ASTMD495
Arch resistance (damp)	-	Min.	ASTMD495
Dielectric loss factor 50 Hz	-	tgδ	CEI
Self-extinguishing	-		UL94
Fumes opacity (toxicity-corrosivity)	-	CEI	CEI 20.37
Diameter (internal)	5-2100	Mm	
Max. length	1700	Mm	
Finishing	Natural painted		
Insulation class	F		CEI
Operating temperature	155	°C	
Classification	EV		CEI
Norms	NEMA G11 DIN7735 HGW2375-4		