

Technical Data Sheet **Fiberglass**

Properties		unit	grade	
			yellow	green
Flexural strength		MPa	-	-
Impact strength parallel to laminations	≥	KJ/m ²	33	33
Insulation resistance after immersion in water	≥	Ω	5×10 ³	5×10 ³
Dielectric strength perpendicular to laminations	≥	MV/m	14.2	14.2
Breakdown voltage parallel to laminations	≥	KV	35	40
Permittivity	≤	-	5.5	5.5
Dissipation factor	≤	-	0.04	0.04
Water absorption	≤	Mg	19	19
Density	-	g/cm ³	1.70-1.90	1.70-190
Flammability	-	-	-	FV0
Color	-	-	Natural	Green
Reference standard	-	-	GB/T1303 1.1998	

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