

テクニカルデータシート

Durostone® Tubes EP GC 22

GFK-EP

製品の特徴

- 良好な機械特性
- 良好な電気特性
- Eガラスで強化したエポキシ樹脂
- EN 61212に準拠 (EPGC 22)

製品の用途例

- 乾式変圧器
- 電気絶縁
- 油入変圧器
- パイプライン

	試験法	単位	値
機械的物性			
曲げ強度 [⊥]	ISO 178	MPa	320
Compressive strength (axial)	ISO 604	MPa	175
熱的物性			
温度指数	IEC 60216	T.I.	155°C
絶縁階級	IEC 60085	/	F
機械的特性			
密度	ISO 1183	g / cm ³	1.7 - 1.8
吸水率 (3mm厚)	ISO 62	mg	0.8
電気的特性			
油中耐電圧90°C [⊥]	IEC 60243	kV / mm	10
油中耐電圧90°C	IEC 60243	kV/25mm	40
比誘電率 (50Hz)	IEC 60250	ε _r	5.2
24時間浸水後の絶縁抵抗	IEC 60167	Ω	10 ⁹
誘電正接 (50Hz)	IEC 60250	tan δ	0.04

[⊥] = perpendicular to the lamination^{||} = parallel to the lamination

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Page 1 / 2 (Dates in DD/MM/YYYY)



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Page 2 / 2 (Dates in DD/MM/YYYY)

