

テクニカルデータシート

Durostone[®] EPF S1

製品の用途例

- 発電機およびモーター
- 油入変圧器
- 乾式変圧器
- 電気
- 電気絶縁

	試験法	単位	値
機械的物性			
密度	ISO 1183	g / cm ³	1,85
曲げ強度 [⊥]	ISO 178	MPa	340
たわみ荷重弾性係数 [⊥]	ISO 178	MPa	24000
圧縮強度 [⊥]	ISO 604	MPa	350
圧縮強度II	ISO 604	MPa	180
引張強度II	ISO 527	MPa	300
衝撃強度(シャルピー衝撃試験)II	ISO 179	kJ / m ²	50
せん断強度 II	IEC 60893	MPa	30
熱的物性			
温度指数	IEC 60216	T.I.	155
絶縁階級	IEC 60085	/	F
機械的特性			
吸水率 (4mm厚)	ISO 62	%	< 0,1
電気的特性			
油中耐電圧90°C [⊥]	IEC 60243	kV / mm	10
油中耐電圧90°CII	IEC 60243	kV/25mm	35
比誘電率 (1MHz)	IEC 60250	ε _r	5,5
誘電損率 (50 Hz)	IEC 60250	tan δ	0,04
比較トラッキング指数	IEC 60112	CTI	180

	試験法	単位	値
24時間浸水後の絶縁抵抗	IEC 60167	Ω	5 x 10 ¹⁰

⊥ = perpendicular to the lamination || = parallel to the lamination

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Print: 21/11/2024 • Release: 20/09/2023 • Version: 1.0
 PIM-Version: 589 • PIM-ID: 716634 • PIM-Code: 589-30-4.6.6.11.7-13

