

## テクニカルデータシート

Durostone<sup>®</sup> EPF S3

GFK-EP

## 製品の特徴

- EPGC 202 (IEC 60893)
- FR-4 (NEMA)

## 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
<b>機械的物性</b>			
密度	ISO 1183	g / cm <sup>3</sup>	1,90
曲げ強度 <sup>⊥</sup>	ISO 178	MPa	540
たわみ荷重弾性係数 <sup>⊥</sup>	ISO 178	MPa	24000
圧縮強度 <sup>⊥</sup>	ISO 604	MPa	580
引張強度II	ISO 527	MPa	440
衝撃強度(シャルピー衝撃試験)II	ISO 179	kJ / m <sup>2</sup>	90
<b>熱的物性</b>			
燃焼性	UL 94	/	V0
温度指数	IEC 60216	T.I.	130
絶縁階級	IEC 60085	/	B
<b>機械的特性</b>			
吸水率	ISO 62	%	< 0,1
<b>電気的特性</b>			
油中耐電圧90°C <sup>⊥</sup>	IEC 60243	kV / mm	16
油中耐電圧90°CII	IEC 60243	kV/25mm	60
比較トラッキング指数	IEC 60112	CTI	180
24時間浸水後の絶縁抵抗	IEC 60167	Ω	5 x 10 <sup>12</sup>
比誘電率 (50Hz / 1MHz)	IEC 60250	ε <sub>r</sub>	5
誘電損率 (50 Hz/ 1MHz)	IEC 60250	tan δ	0,01

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L = perpendicular to the lamination II = parallel to the lamination

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