

テクニカルデータシート

Durostone[®] EPM 203

GFK-EP

製品の特徴

- Eガラスマットで強化されたエポキシ樹脂
- 良好な機械特性
- 良好な電気特性

製品の用途例

- 発電機およびモーター
- 再生エネルギー
- 電気
- 風力
- 電気絶縁
- 水素エネルギー
- 防弾

	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	360
曲げ強度 [⊥] +150°C	ISO 178	MPa	180
たわみ荷重弾性係数 [⊥]	ISO 178	MPa	20000
たわみ荷重弾性係数 [⊥] +150°C	ISO 178	MPa	15000
圧縮強度 [⊥]	ISO 604	MPa	500
引張強度II	ISO 527	MPa	280
衝撃強度(シャルピー衝撃試験)II	ISO 179	kJ / m ²	100
熱的物性			
温度指数	IEC 60216	T.I.	180
絶縁階級	IEC 60085	/	H
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	13
油中耐電圧90°CII	IEC 60243	kV/25mm	70
表面固有抵抗	IEC 60093	Ω	10 ¹³
比較トラッキング指数	IEC 60112	CTI	400

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

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