

テクニカルデータシート

Durostone® EPC 308

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

製品の用途例

- 発電機およびモーター
- 電気
- 電気絶縁
- 石油ガス

	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	450
曲げ強度 [⊥] +150°C	ISO 178	MPa	230
たわみ荷重弾性係数 [⊥]	ISO 178	MPa	23000
たわみ荷重弾性係数 [⊥] +150°C	ISO 178	MPa	18000
圧縮強度 [⊥]	ISO 604	MPa	500
引張強度II	ISO 527	MPa	400
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
電氣的 特性			
油中耐電圧90°C [⊥]	IEC 60243	kV / mm	16
油中耐電圧90°CII	IEC 60243	kV/25mm	80
表面固有抵抗	IEC 60093	Ω	5 x 10 ¹⁰
比較トラッキング指数	IEC 60112	CTI	180

[⊥] = perpendicular to the lamination II = parallel to the lamination

The data stated above are average values verified on the basis of regular statistical tests and controls. All information in this publication is based on current technical knowledge and experience. Due to the large number of possible influences during processing and application, it does not exempt the user/processor from carrying out their own tests and trials. Responsibility for the evaluation of the end product for the intended use and compliance with the applicable relevant legal requirements lies exclusively with the user/processor as well as

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