

テクニカルデータシート

Durostone[®] UPR S19

GFK-UP

製品の特徴

- 高い機械的強度
- 極めて高い機械的強度および絶縁耐力
- Eガラス繊維で補強されたビニルエステル熱硬化樹脂

製品の用途例

- 変圧器
- 油入変圧器
- 電気
- 電気絶縁

	試験法	単位	値
機械的物性			
密度	ISO 1183	g / cm ³	1,95
曲げ強度 [⊥]	ISO 178	MPa	470
たわみ荷重弾性係数 [⊥]	ISO 178	MPa	25000
圧縮強度 [⊥]	ISO 604	MPa	450
圧縮強度II	ISO 604	MPa	250
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	200
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	15
油中耐電圧90°CII	IEC 60243	kV/25mm	75
比誘電率 (50Hz)	IEC 60250	ε _r	≈ 5
表面固有抵抗	IEC 60093	Ω	10 ¹⁰
比較トラッキング指数	IEC 60112	CTI	600

[⊥] = 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

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