

テクニカルデータシート

Durostone[®] EPC 204

GFK-EP

製品の特徴

- 耐火性
- Eガラス繊維で強化されたエポキシ樹脂

製品の用途例

- 開閉装置
- 電気
- 電気絶縁

	試験法	単位	値
機械的物性			
密度	ISO 1183	g / cm ³	2,0
曲げ強度 [⊥]	ISO 178	MPa	500
曲げ強度 [⊥] +150°C	ISO 178	MPa	350
たわみ荷重弾性係数 [⊥]	ISO 178	MPa	25000
たわみ荷重弾性係数 [⊥] +150°C	ISO 178	MPa	21000
圧縮強度 [⊥]	ISO 604	MPa	500
引張強度II	ISO 527	MPa	350
衝撃強度(シャルピー衝撃試験)II	ISO 179	kJ / m ²	120
せん断強度 II	IEC 60893	MPa	35
熱的物性			
燃焼性	UL 94	/	V0 / 2mm
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	100
絶縁抵抗	IEC 60167	Ω	10 ¹²
比較トラッキング指数	IEC 60112	CTI	600
24時間浸水後の絶縁抵抗	IEC 60167	Ω	10 ¹⁰

[⊥] = perpendicular to the lamination II = parallel to the laminationri-inquiry@roechling.com • www.roechling.com/industrial/materials

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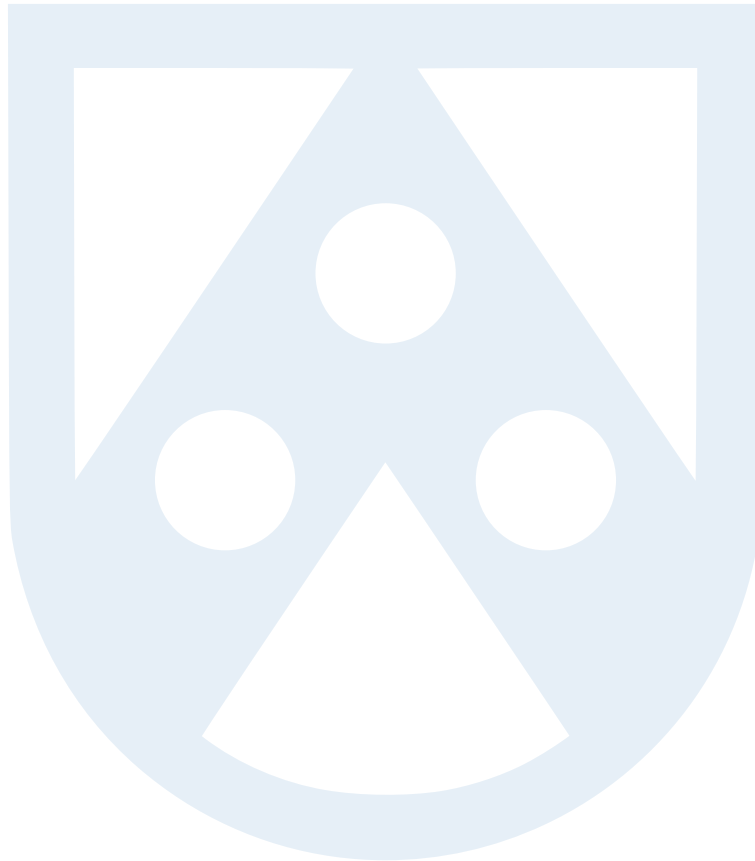
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