

テクニカルデータシート

Durostone[®] UPM S16

GFK-UP

製品の特徴

- 高圧積層板
- 特殊ポリエステル樹脂をEガラス製のロービングで補強
- 高い機械的強度
- 極めて高い機械的強度および絶縁耐力
- 耐火性

製品の用途例

- 開閉装置

	試験法	単位	値
機械的物性			
密度	ISO 1183	g / cm ³	1,87
曲げ強度 [⊥]	ISO 178	MPa	200
たわみ荷重弾性係数 [⊥]	ISO 178	MPa	13000
圧縮強度 [⊥]	ISO 604	MPa	300
圧縮強度II	ISO 604	MPa	180
引張強度II	ISO 527	MPa	100
衝撃強度(シャルピー衝撃試験)II	ISO 179	kJ / m ²	100
熱的物性			
燃焼性	UL 94	/	V0 / 3mm
機械的特性			
吸水率 (4mm厚)	ISO 62	%	0,2
電気的特性			
油中耐電圧90°C [⊥]	IEC 60243	kV / mm	12
油中耐電圧90°CII	IEC 60243	kV/25mm	75
表面固有抵抗	IEC 60093	Ω	10 ¹³
比較トラッキング指数	IEC 60112	CTI	600

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

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Print: 30/04/2026 • Release: 20/09/2023 • Version: 3.0
PIM-ID: 710074 • PIM-Code: 1121-20-8.10.23.19.16-7-13
Company-IDs: 20000-1

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