

テクニカルデータシート

Durostone[®] UPM 203

GFK-UP

製品の特徴

- ポリエステル混合樹脂
- Eガラスのロービングにより補強
- UPGM 203

製品の用途例

- 開閉装置
- 再生エネルギー
- 電気
- 電気絶縁
- 発電機およびモーター

	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	130
たわみ荷重弾性係数 [⊥]	ISO 178	MPa	9000
圧縮強度 [⊥]	ISO 604	MPa	250
引張強度II	ISO 527	MPa	70
衝撃強度(シャルピー衝撃試験)II	ISO 179	kJ / m ²	40
熱的物性			
燃焼性	UL 94	/	V0 / 3mm
線膨張係数 II	TMA (Mettler)	10 ⁻⁶ x K ⁻¹	15 - 30
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	%	0,2
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
比誘電率 (50Hz)	IEC 60250	ε _r	4,5
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	5 x 10 ⁸

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

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Print: 16/06/2026 • Release: 09/10/2024 • Version: 4.0
PIM-ID: 716628 • PIM-Code: 1096-76-9.12.10-7.6.11.7.4-13
Company-IDs: 20000-1

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