

## テクニカルデータシート

Durostone<sup>®</sup> 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
<b>機械的物性</b>			
密度	ISO 1183	g / cm <sup>3</sup>	1,85
曲げ強度 <sup>⊥</sup>	ISO 178	MPa	130
たわみ荷重弾性係数 <sup>⊥</sup>	ISO 178	MPa	9000
圧縮強度 <sup>⊥</sup>	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 <sup>2</sup>	40
<b>熱的物性</b>			
燃焼性	UL 94	/	V0 / 3mm
線膨張係数 II	TMA (Mettler)	10 <sup>-6</sup> x K <sup>-1</sup>	15 - 30
温度指数	IEC 60216	T.I.	155
絶縁階級	IEC 60085	/	F
<b>機械的特性</b>			
吸水率 (4mm厚)	ISO 62	%	0,2
<b>電気的特性</b>			
油中耐電圧90°C <sup>⊥</sup>	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 <sub>r</sub>	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 <sup>8</sup>

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

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