

テクニカルデータシート

Durostone[®] PMP 334

GFK-UP

製品の特徴

- 良好な機械特性
- 電気絶縁性
- ガラス繊維で強化されたポリエステル樹脂

製品の用途例

- 車両建造
- 鉄道車両

	試験法	単位	値
一般的物性			
Standard Color			Grey
機械的物性			
曲げ強度 [⊥]	ISO 178	MPa	165
曲げ強度 (横方向)	ISO 178	MPa	12000
圧縮強度 [⊥]	ISO 604	MPa	258
引張強度II	ISO 527	MPa	70
引張弾性率	DIN EN ISO 527	MPa	11000
ノッチ付き衝撃耐性	DIN EN ISO 179	kJ / m ²	80
熱的物性			
Railway classification	EN 45545-2		R1-R2-R6-R7-R17 / HL2
Limit oxygen index	EN ISO 4589-2	%	44
燃焼性	IEC 60707	/	V0/3mm
燃焼試験	NF P 92-501	/	M1
機械的特性			
収縮率	ISO 2577	%	0.03
密度	ISO 1183	g / cm ³	1.88
ガラス含有量	ISO 1172	%	27
吸水率	ISO 62	%	< 0.3
電気的特性			
油中耐電圧90°C [⊥]	IEC 60243	kV / mm	>10
表面固有抵抗	IEC 60093	Ω	10 ¹³

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	試験法	単位	値
体積固有抵抗	IEC 60093	$\Omega \times \text{cm}$	10^{14}
比較トラッキング指数	IEC 60112	CTI	600

⊥ = perpendicular to the lamination

|| = parallel to the lamination

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