

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

The data stated above are average values verified on the basis of regular statistical tests and controls. All information in this publication is based on current technical knowledge and experience. Due to the large number of possible influences during processing and application, it does not exempt the user/processor from carrying out their own tests and trials. Responsibility for the evaluation of the end product for the intended use and compliance with the applicable relevant legal requirements lies exclusively with the user/processor as well as the distributor of the respective product/end product. Suggested uses do not constitute an assurance of suitability for the recommended purpose. The information in this publication and our declarations in Connection with this publication do not constitute acceptance of a guaranteed or warranted characteristic. Guarantee declarations require our separate express written declaration in order to be effective. We reserve the right to adapt the product to technical progress and new developments. The products described in this publication are only sold to customers with the appropriate expertise and not to consumers. Please do not hesitate to contact us if you have any questions or if you experience any specific application problems. If the application for which our products are used is subject to an official approval requirement, the user/processor is responsible for obtaining these approvals. Our application recommendations do not exempt the user/processor from the obligation to examine and, if necessary, clarify the possibility of infringements of third-party rights. In all other respects, we refer to our General Terms and Conditions (GTC). These are available at: www.roechling-industrial.com/gtc



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