

## テクニカルデータシート

Durostone<sup>®</sup> UPGMZ -HT

## 製品の特徴

- 高耐熱の特殊ポリエステル樹脂
- ガラス繊維とロービングの組み合わせにより強化
- 縦方向や横方向に対する優れた機械的特性

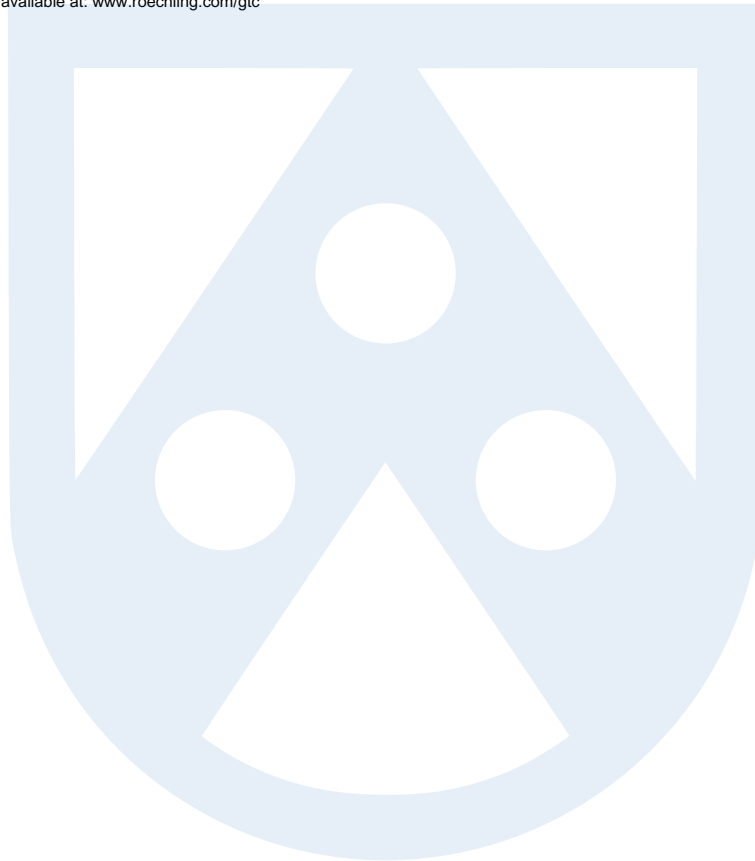
## 製品の用途例

- 車両建造
- 交通
- 機械工学
- 建築
- 電気

	試験法	単位	値
<b>機械的物性</b>			
曲げ強度 (縦方向)	ISO 178	MPa	250 - 400
曲げ強度 (縦方向)	ISO 178	MPa	15000 - 25000
曲げ強度 (横方向)	ISO 178	MPa	100 - 250
曲げ強度 (横方向)	ISO 178	MPa	5000 - 13000
圧縮強度 (垂直)	ISO 604	MPa	100 - 200
引張強度 (縦方向)	ISO 527	MPa	200 - 400
引張強度 (横方向)	ISO 527	MPa	50 - 150
<b>熱的物性</b>			
燃焼性	UL 94	/	HB
温度指数	IEC 60216	T.I.	180
Max. continuous operating temperature		°C	150
<b>機械的特性</b>			
密度	ISO 1183	g / cm <sup>3</sup>	1,8 - 2,1
ガラス含有量	ISO 1172	%	45 - 80
吸水率	ISO 62	%	< 3
<b>電気的特性</b>			
Electrical strength, perpendicular, 90 °C	IEC 60243	kV / mm	4 - 10
比較トラッキング指数	EN 60112	CTI	600
Volume resistance	DIN EN 62631-3-1	Ω x cm	10 <sup>10</sup> - 10 <sup>13</sup>

	試験法	単位	値
Surface resistance	DIN EN 62631-3-2	Ohm	$10^{11} - 10^{14}$

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.com/gtc](http://www.roechling.com/gtc)



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