

Technický datový list

Durostone[®] PMP 325

GFK-UP

Vlastnosti produktu

- Good mechanical properties
- Electrically insulating
- Chemical resistant
- Flame retardant
- Self-extinguishing
- Good handling
- Low weight
- Good weather resistance
- Smooth surface
- Good thermal insulation
- Homogeneously smooth surface for good paint adhesion

Typické oblasti použití

- Elektrotechnický průmysl
- Výroba vozidel
- Autobusy
- Železniční technika a kolejová vozidla
- Dopravní technika a infrastruktura
- Zdravotní péče
- Větrná energie

	Testovací metoda	Jednotka	Orientační hodnota
Obecné vlastnosti			
Standardní barva			RAL 7035
Mechanické vlastnosti			
Pevnost v ohybu [⊥]	ISO 178	MPa	150
Modul pružnosti v ohybu [⊥]	ISO 178	MPa	9500
Pevnost v tlaku [⊥]	ISO 604	MPa	220
Tepelné vlastnosti			
Hořlavost	IEC 60707	/	VO/3mm
Součinitel lineární roztažnosti [⊥]	TMA (Mettler)	10 ⁻⁶ x K ⁻¹	55 to 65
Součinitel lineární roztažnosti II	TMA (Mettler)	10 ⁻⁶ x K ⁻¹	15 to 25
Teplota průhybu při zatížení	IEC 893-2	°C	>200
Tepelná vodivost	ISO 8302	W/m K	0.3
Fyzikální vlastnosti			
Hustota	ISO 1183	g / cm ³	1.75
Obsah skla	ISO 11667	%	26

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	Testovací metoda	Jednotka	Orientační hodnota
Dielektrické vlastnosti			
Elektrická pevnost 90 °C v olejové lázni \perp	IEC 60243	kV / mm	12
Elektrická pevnost 90 °C v olejové lázni II	IEC 60243	kV/25mm	75
Srovnávací sledovací index	IEC 60112	CTI	600

\perp = perpendicular to the lamination

II = 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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