

## Technický datový list

# Durostone<sup>®</sup> EPX -M S11

GFK-EP

### Typické oblasti použití

- Generátory a motory
- Zdravotní péče
- Elektrotechnický průmysl
- Stavba strojů a zařízení
- Olejové transformátory

	Testovací metoda	Jednotka	Orientační hodnota
<b>Mechanické vlastnosti</b>			
Hustota	ISO 1183	g / cm <sup>3</sup>	2,1
Pevnost v ohybu <sup>⊥</sup>	ISO 178	MPa	600
Pevnost v ohybu <sup>⊥</sup> +150 °C	ISO 178	MPa	300
Modul pružnosti v ohybu <sup>⊥</sup>	ISO 178	MPa	30000
Pevnost v tlaku (tangenciální)	ISO 604	MPa	450
Pevnost v tlaku (axiální)	ISO 604	MPa	90
Pevnost v tlaku (radiální)	ISO 604	MPa	90
Pevnost v tahu II RT	ISO 527	MPa	600
<b>Tepelné vlastnosti</b>			
Hořlavost	UL 94	/	V0 ( > 8mm)
Teplotní index	IEC 60216	T.I.	180
Izolační třída	IEC 60085	/	H
<b>Dielektrické vlastnosti</b>			
Elektrická pevnost 90 °C v olejové lázni <sup>⊥</sup>	IEC 60243	kV / mm	5
Elektrická pevnost 90 °C v olejové lázni II	IEC 60243	kV/25mm	35
Srovnávací sledovací index	IEC 60112	CTI	600

<sup>⊥</sup> = 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

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