

## Technický datový list

Durostone<sup>®</sup> UTR 1491 bílá

GFK-UP

## Vlastnosti produktu

- Polyester (UP) resin matrix reinforced by fiberglass
- High mechanical strength
- Flame retardant
- Low smoke development

## Typické oblasti použití

- Spínací zařízení
- Obnovitelné energie
- Elektrotechnický průmysl
- Elektrické izolační konstrukční díly
- Generátory a motory

	Testovací metoda	Jednotka	Orientační hodnota
<b>Mechanické vlastnosti</b>			
Hustota	ASTM D 792	g / cm <sup>3</sup>	1,81
Pevnost v ohybu <sup>⊥</sup>	ASTM D 790	MPa	152
Pevnost v tlaku <sup>⊥</sup>	ASTM D 695	MPa	228
Pevnost v tahu II	ASTM D 638	MPa	54
<b>Tepelné vlastnosti</b>			
Hořlavost	UL 94	/	V0/2,4mm
Teplotní index (elek./mech.)	UL 746B	T.I.	130/160
Tepelná vodivost <sup>⊥</sup>		W / (m * K)	0,27
<b>Dielektrické vlastnosti</b>			
Elektrická pevnost (olej/vzduch) <sup>⊥</sup>	ASTM D 149	kV / mm	18/23
Elektrická pevnost (olej) II	ASTM D 149	kV/25mm	47
Srovnávací sledovací index	UL746A	V	500

<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 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](http://www.roechling-industrial.com/gtc)

[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

Print: 16/06/2026 • Vydáno: 20/09/2023 • Verze: 1.0  
 PIM-ID: 716630 • PIM-kód: 1061-36-9.23.16.15-7.6.11.7.4-13  
 Company-IDs: 20000-1

Page 1 / 2 (Dates in DD/MM/YYYY)





[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

Print: 16/06/2026 • Vydáno: 20/09/2023 • Verze: 1.0  
PIM-ID: 716630 • PIM-kód: 1061-36-9.23.16.15-7.6.11.7.4-13  
Company-IDs: 20000-1

Page 2 / 2 (Dates in DD/MM/YYYY)

