

Technický datový list

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

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L = perpendicular to the lamination II = parallel to the lamination

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