

Technický datový list

Durostone[®] CAS 761

GFK-EP

Vlastnosti produktu

- Good mechanical properties
- Good surface resistivity
- Good machining properties enabling the manufacture of complex design solder pallets.
- Fibre-reinforced composite material developed for applications in the field of wave soldering (max. continuous operating temperature 260 °C)

Typické oblasti použití

- Elektronika

	Testovací metoda	Jednotka	Orientační hodnota
Obecné vlastnosti			
Hustota	DIN EN ISO 1183-1	g / cm ³	1,85
Mechanické vlastnosti			
Pevnost v ohybu \perp RT	ISO 178	MPa	360
Pevnost v ohybu \perp +150 °C	ISO 178	MPa	180
Modul pružnosti v ohybu \perp RT	ISO 178	MPa	18000
Modul pružnosti v ohybu \perp +150 °C	ISO 178	MPa	9000
Teplotné vlastnosti			
Teplotná vodivost	DIN 52612	W/m K	0,25
Maximální trvalá provozní teplota		°C	300
Fyzikální vlastnosti			
Absorpce vody	ISO 62	%	< 0,20
ESD vlastnosti			
Povrchový odpor	ASTM D257	Ω /sq	10 ⁵ - 10 ⁸

\perp = perpendicular to the lamination II = parallel to the lamination Availability - Standard sheet size: 2440 x 1220 mm - Thickness: 3 -0/+0,1 mm 4 -0/+0,1 mm 5 -0/+0,1 mm 6 -0/+0,1 mm 8 -0/+0,1 mm 10 -0/+0,1 mm 12 -0/+0,1 mm - Sanded

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.

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