

Technický datový list

Durostone[®] CAG 762

GFK-EP

Vlastnosti produktu

- Good machining properties enabling the manufacture of complex design solder pallets.
- Good mechanical properties and surface resistivity according to ESD applications with optical detection
- 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
Tepelné vlastnosti			
Tepelná 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

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