

Technical Data Sheet

Durostone® CAG 762

GFK-EP

Typical characteristics

- 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)

Typical industries

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		Test method	Unit	Guideline value
General properties				
Density		DIN EN ISO 1183-1	g / cm ³	1,85
Mechanical properties				
Flexural strength [⊥] RT		ISO 178	MPa	360
Flexural strength [⊥] +150°C		ISO 178	MPa	180
Modulus of elasticity in flexion [⊥] RT		ISO 178	MPa	18000
Modulus of elasticity in flexion [⊥] +150)°C	ISO 178	MPa	9000
Thermal properties				
Thermal conductivity		DIN 52612	W/m K	0,25
Max. continuous operating temperature			°C	300
Physical properties				
Water absorption		ISO 62	%	<0,20
ESD properties				
Surface resistivity		ASTM D257	Ω/sq	10 ⁵ - 10 ⁸

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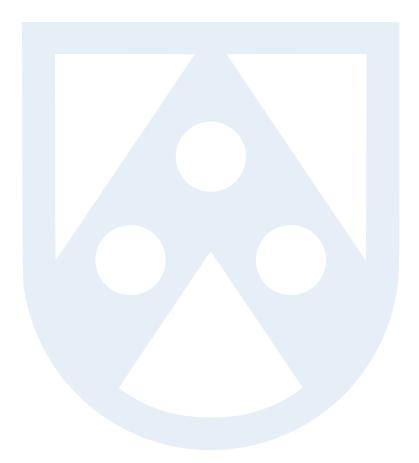
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Page 1 / 2 (Dates in DD/MM/YYYY)







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