

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

- Electronics

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,85
Mechanical properties			
Flexural strength \perp RT	ISO 178	MPa	360
Flexural strength \perp +150°C	ISO 178	MPa	180
Modulus of elasticity in flexion \perp RT	ISO 178	MPa	18000
Modulus of elasticity in flexion \perp +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

