Technical Data Sheet

Durostone® LTE 769

GFK-EP

Typical characteristics

- Fibre-reinforced composite material developed for applications in the field of wave soldering (max. continuous operating temperature 260 °C)
- Reduced mechanical properties for small format solder pallets and surface resistivity according to ESD applications.

Typical industries

- Elettronica

	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	65
Modulus of elasticity in flexion ⊥ RT	ISO 178	MPa	18000
Modulus of elasticity in flexion ⊥ +150°C	ISO 178	MPa	4500
Thermal properties			
Thermal conductivity	DIN 52612	W/m K	0,23
Max. continuous operating temperature		°C	260
Physical properties			
Water absorption	ISO 62	%	0,20
ESD properties			
Surface resistivity	ASTM D257	Ω/sq	10^5 - 10^8

⊥ = perpendicular to the lamination II = parallel to the lamination Availability - Standard sheet size: 2440 x 1220 mm - Thickness: 5 -0/+0,2 mm 6 -0/+0,2 mm 8 -0/+0,2 mm 10 -0/+0,2 mm 12 -0/+0,2 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

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