

Technical Data Sheet

Durostone[®] LTE 769

GFK-EP

Typical characteristics

- Material compuesto reforzado con fibra desarrollado para aplicaciones en el campo de la soldadura por ola (temperatura máxima de funcionamiento continuo 260 °C)
- Propiedades mecánicas reducidas para paletas de soldadura de pequeño formato y resistividad superficial según aplicaciones ESD.

Typical industries

- Electrónica

	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	65
Modulus of elasticity in flexion \perp RT	ISO 178	MPa	18000
Modulus of elasticity in flexion \perp +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

\perp = perpendicular to the lamination \parallel = 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

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



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Page 2 / 2 (Dates in DD/MM/YYYY)

