

Technical Data Sheet

Durostone[®] CAS 761

GFK-EP

Typical characteristics

- Buenas propiedades mecánicas
- Good surface resistivity
- Excelentes propiedades de mecanizado que permiten la fabricación de paletas de soldadura de diseños complejos.
- Material compuesto reforzado con fibra desarrollado para aplicaciones en el campo de la soldadura por ola (temperatura máxima de funcionamiento continuo 260 °C)

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	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			

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	Test method	Unit	Guideline value
Surface resistivity	ASTM D257	Ω/sq	$10^5 - 10^8$

⊥ = perpendicular to the lamination || = 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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