

Technical Data Sheet

Durostone® WGR 781

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 280 °C)
- Buenas propiedades mecánicas
- Good surface resistivity

Typical industries

- Electrónica

	Test method	Unit	Guideline value
Mechanical properties			
Density	ISO 1183	g / cm ³	1,85
Flexural strength [⊥]	ISO 178	MPa	400
Flexural strength [⊥] +150°C	ISO 178	MPa	300
Modulus of elasticity in flexion [⊥]	ISO 178	MPa	26000
Modulus of elasticity in flexion [⊥] +150°C	ISO 178	MPa	24000
Thermal properties			
Thermal conductivity	DIN 52612	W/m K	0,3
Max. continuous operating temperature		°C	280
Physical properties			
Water absorption (method I)	ISO 62	%	0,1
ESD properties			
Surface resistivity	ASTM D257	Ω/sq	10 ⁵ - 10 ⁸

[⊥] = perpendicular to the lamination || = parallel to the lamination Availability - Standard sheet size: 2500 x 1220 mm - Thickness: 6 -0/+0,2 mm 8 -0/+0,2 mm 10 -0/+0,2 mm other thicknesses available on request - Sanded

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