

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

<sup>⊥</sup> = 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

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 knowledge and experience. Due to the large number of possible influences during processing and application, it does not exempt the user/processor from carrying out their own tests and trials. Responsibility for the evaluation of the end product for the intended use and compliance with the applicable relevant legal requirements lies exclusively with the user/processor as well as the distributor of the respective product/end product. Suggested uses do not constitute an assurance of suitability for the recommended purpose. The information in this publication and our declarations in Connection with this publication do not constitute acceptance of a guaranteed or warranted characteristic. Guarantee

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