

## Technical Data Sheet

# Durostone<sup>®</sup> WGR 781

### 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)
- Excelentes propiedades mecánicas y resistividad superficial según aplicaciones ESD.
- Por favor contáctenos para más información y posibles campos de aplicación.

### 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 1)	ISO 62	%	< 0,1
<b>ESD properties</b>			
Surface resistivity	ASTM D257	Ohm/sq	10 <sup>5</sup> - 10 <sup>8</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

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