

## Technical Data Sheet

# Durostone<sup>®</sup> CHP 760

GFK-EP

### Typical characteristics

- 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
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,85
<b>Mechanical properties</b>			
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
<b>Thermal properties</b>			
Thermal conductivity	DIN 52612	W/m K	0,25
Max. continuous operating temperature		°C	300
<b>Physical properties</b>			
Water absorption	ISO 62	%	0,20

$\perp$  = 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

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

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