

### Technical Data Sheet

## Durostone® CAS 761

GFK-EP

#### Typical characteristics

- Good mechanical properties
- Good surface resistivity
- Good machining properties enabling the manufacture of complex design solder pallets.
- Fibre-reinforced composite material developed for applications in the field of wave soldering (max. continuous operating temperature 260 °C)

#### Typical industries

- Electronics

	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
<b>ESD properties</b>			
Surface resistivity	ASTM D257	$\Omega$ /sq	10 <sup>5</sup> - 10 <sup>8</sup>

