

Technical Data Sheet

Durostone® CAS 761

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
General properties			
Density	DIN EN ISO 1183-1	g/cm ³	1,85
Mechanical properties			
Flexural strength ¹ RT	ISO 178	MPa	360
Flexural strength [⊥] +150°C	ISO 178	MPa	180
Modulus of elasticity in flexion $^\perp$ RT	ISO 178	MPa	18000
Modulus of elasticity in flexion [⊥] +150°C	ISO 178	MPa	9000
Thermal properties			
Thermal conductivity	DIN 52612	W/m K	0,25
Max. continuous operating temperature		°C	300
Physical properties			
Water absorption	ISO 62	%	< 0,20
ESD properties			
Surface resistivity	ASTM D257	Ω/sq	10 ⁵ - 10 ⁸

 $⁼ perpendicular\ to\ the\ lamination\ II = parallel\ to\ the\ lamination\ Availability\ -\ Standard\ sheet\ size: 2440\ x\ 1220\ mm\ -\ Thickness: 3\ -0/+0.1\ mm\ 4\ -0/+0.1\ mm\ 5\ -0/+0.1\ mm\ 5\ -0/+0.1\ mm\ 6\ -0/+0.1\ mm\ 10\ -0/+0.1\ mm$

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

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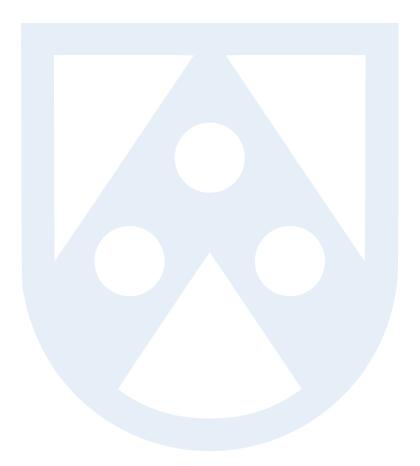
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