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Technical Data Sheet Durostone[®] WGR 781

Typical characteristics

Typical industries

- Электронная промышленность
- Fibre-reinforced composite material developed for applications in the field of wave soldering (max. continuous operating temperature 280 °C)
- Excellent mechanical properties and surface resistivity according to ESD applications
- Please contact us for more information and possible fields of application

	Test method	Unit	Guideline value
Mechanical properties			
Density	ISO 1183	g / cm ³	1,85
Flexural strength [⊥]	ISO 178	MPa	400
Flexural strength [⊥] +150°C	ISO 178	MPa	300
Modulus of elasticity in flexion $^{\perp}$	ISO 178	MPa	26000
Modulus of elasticity in flexion $^{\perp}$ +150°C	ISO 178	MPa	24000
Thermal properties			
Thermal conductivity	DIN 52612	W/m K	0,3
Max. continuous operating temperature		°C	280
Physical properties			
Water absorption (method 1)	ISO 62	%	< 0,1
ESD properties			
Surface resistivity	ASTM D257	Ohm/sq	10 ⁵ - 10 ⁸

L = perpendicular to the lamination II = 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.

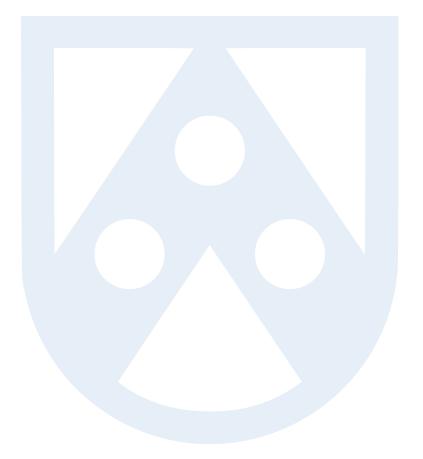
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