Technical Data Sheet

Durostone® CHP 760

Product characteristics

- Please contact us for more information and possible fields of application
- Excellent 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)

Product industries

- Electronics

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm^3	1,85
Mechanical properties			
Flexural strength ⊥ RT	ISO 178	MPa	360
Flexural strength ⊥ +150°C	ISO 178	MPa	180
Modulus of elasticity in flexion ⊥ 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

⊥= 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 6 -0/+0,1 mm 8 -0/+0,1 mm 10 -0/+0,1 mm 12 -0/+0,1 mm - Sanded

Röchling Industrial Nancy S.A.S.
8, Rue André Fruchard • 54520 B.P.12, Maxéville/France (FR) • Tel. +33 383 342424
info@roechling-permali.fr • www.roechling.com/industrial/nancy

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