

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 \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 |
| 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 // = 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

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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