CONTAVAL® M 2022

PRELIMINARY DATA SHEET

Composition

CONTAVAL® M 2022 is a laminate consisting of glass-mat, epoxy-resin with conductive additives.

Application

CONTAVAL® M 2022 is used as soldering bath carriers for printed circuits, when sensitive components ask for ESD working conditions.

Availability

Thickness:	3 - 20 mm	Thickness tolerances:	-0/+0,4 mm
	20.2 - 30.2 mm	Thickness tolerances:	-0/+0,6 mm
Standard sheet size:	2140+/-20 x 1200+/-20 mm		
	The material is available only grinded.		

Machining Recommendation

CONTAVAL® M 2022 can be easily cut with hammer shears or punching machines (up to 1 mm). For thicker laminates we advise to use diamond tipped tools and high speed machinery.

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TECHNICAL DATA

Properties	Norm	Unit	Value
Density	ISO 1183/A	g/cm³	Approx. 1,8
Flexural strength perpendicular to the layers: 23°C	ISO 178	MPa	≥ 300
150°C			≥ 120
Surface resistance	IP 26.**B	Ω	$10^4 - 10^9$
Thermal conductivity	DIN 52612	W/mK	0,3
Linear coefficient of expansion (parallel)	VDE 0304/2	1/K	$1,3 \times 10^{-5}$
Short term temperature exposure			300° C

All information given here is based on currently available facts and on the results of experiments performed with all due care in our laboratories. It does not in any way reduce the responsibility of the user for carrying out further tests in order to ensure successful processing and use in specific applications.

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