



La MISOLET

Lavorazione Materiale Isolante Elettrico e Termico

Lavorazioni CNC e tradizionali a disegno
 Minuterie tranciate
 Vendita diretta
 Lastre o pannelli a misura – Tondi – Tubi di:
 Tela Bachelizzata e Carta Bachelizzata
 Vetroresina Epossidica Nema G10 e G11,
 Siliconica Nema G7 e Melaminica Nema G5
 Vetroresina Poliestere GPO3
 Materiali Termoisolanti – Mica e Micanite
 ATTREZZERIA INTERNA

DATA SHEET

Laminate:

MISOPOL

Description: Antistatic laminate made of high temperatures resistance resins and glass mat

Applications: Misopol is used in the PCB assembly process

		unit	average values
Physical properties	Colour		black
	Specific gravity	g/cm ³	1,85
	Glass mat contents	%	about 70
	Water absorption	%	0,19
	Chemical products resistance		Excellent
	Sheet size	mm	2440x1220
	Thickness available	mm	3 ÷ 12
Mechanical properties	Flexural strength	N/cm ²	35000
	Surface resistivity	Ω	10 ⁶
Thermal properties	Thermal classification		H (180°C)
	Continuous operating temperature	°C	260
	Maximum operating temperature	°C	340
	Thermal conductivity	W/mK	0,25
	Coefficient of linear expansion	m/mK	11 10 ⁻⁶

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Tolerances on thickness from 3 to 10 mm			
Thickness tolerance	mm		$\pm 0,10$
Flatness tolerance (300 x 300 mm)	mm		$\pm 0,10$
Parallelism	mm		$\pm 0,10$
Tolerances on thickness from 11 mm			
Thickness tolerance	mm		$\pm 0,15$
Flatness tolerance (300 x 300 mm)	mm		$\pm 0,10$
Parallelism	mm		$\pm 0,10$

We are available to effect cutting to measurement as well as machining to drawing of parts by CNC.

TO BE KEPT in dry stores, in a horizontal position.

The values shown above are indicative as they represent the average values observed during our routine control tests.

The user must make sure that the product he requests is compatible with the use to which it is destined.