



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:

LMR-1

Description: Micanite LMR-1

		unità di misura	valori medi
Physical properties	Specific gravity	g/cm ³	2,1
	Water absorption 24h/23°C	%	0,8
	Sheet size	mm	1200x1000
	Available thicknesses	mm	0,1 ÷ 80
	Weight loss at 550° C	%	2,0
	Mica contents	%	90
	Binder	%	10
	Dielectric strength	KV/mm	20
	Self extinguishing		UL 94 V0
Mechanical properties	Compressive strength \perp at 23°C	N/cm ²	40000
	Compressive strength \perp at 180°C	N/cm ²	30000
	Compressive strength \perp at 250°C	N/cm ²	27000
	Compressive strength \perp at 300°C	N/cm ²	25000
	Mechanical and pressing properties		Excellent
Thermal properties	Thermal classification		H (180°C)
	Continuous operating temperature	°C	550
	Thermal conductivity	W/mK	0,3

Thickness tolerances

Thickness from 0,1 to 1 mm	% of thickn.	± 10
Thickness from 1,5 to 5 mm	% of thickn.	± 7
Thickness from 6 to 30 mm	% of thickn.	± 5
Thickness from 31 to 80 mm	% of thickn.	± 3

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.

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