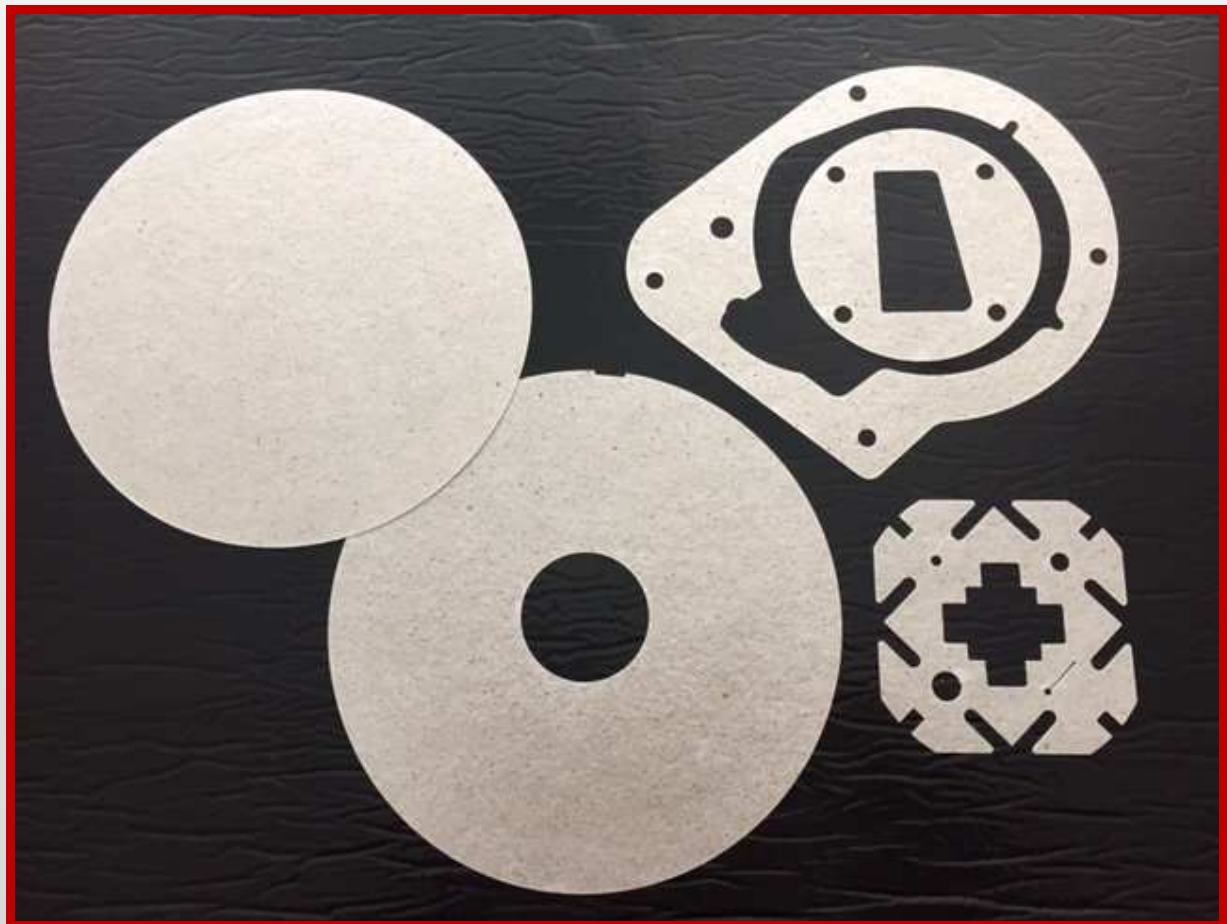




## MICANITE



**Insultech S.r.l.**

Via della Pusterla 27 20826 Misinto (MB)

Tel. +39 02 /96321083

Fax +39 02 96321000

[www.insultech.it](http://www.insultech.it) - [info@insultech.it](mailto:info@insultech.it)

P. IVA e Cod. Fiscale 06531250964

Cap. Soc. 10.000,00 REA MB - 1861445

**SCHEDA TECNICA :**

<b>Characteristics Eigenschaften</b>	<b>Test specification Messmethode</b>	<b>Muscovite</b>	<b>Phlogopite</b>
Mica	IEC 371-2	≥90%	≥90%
Bond content Bindemittel	IEC 371-2	≤10%	≤10%
Density Dichte	IEC 371-2	1.9±0.3kg/dm <sup>3</sup>	2.0±0.3kg/dm <sup>3</sup>
Heat resistance Temperaturbeständigkeit	Continuous / Dauerbeständigkeit Intermittent / kurzzeitig	500°C 750°C	700°C 1000°C
Dielectric strength Durchschlagfestigkeit	IEC 243 - 23°C	> 15 KV/mm	> 15 KV/mm
Insulation resistance Isolationswiderstand	at/bei 23°C at/bei 550°C	> 5.0X10 <sup>10</sup> Ω.cm >3.0X10 <sup>8</sup> Ω.cm	> 5.0X10 <sup>10</sup> Ω.cm > 3.0X10 <sup>8</sup> Ω.cm
Weight loss at 500/550°C Gewichtsverlust bei 500/550°C	IEC 371-2	< 1.0 %	< 1.0 %
Thermal Conductivity W/cm-K	Heat Flux / thermal Gradient	0.007	0.007
Tensile strength Reisskraft	ISO 527	> 100 N/mm <sup>2</sup>	> 90 N/mm <sup>2</sup>
Flexural strength Biegefestigkeit	ISO 178	> 180 N/mm <sup>2</sup>	> 150 N/mm <sup>2</sup>
Water absorption Wasseraufnahme	DIN 53475	< 0.8 %	< 1.0 %
Smoke and odor Rauch- und Geruchsentwicklung	At first heating Bei Ersterhitzung		
UL-Certification UL-Homologation	UL 94 V-O	pass	pass



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