

Insulation Materials

Product Information Sheet

Product

SILPAD® OIA00

Product Description

SILPAD® OIA00 a flame retardant composite silicone rubber and fibreglass material designed for applications requiring high thermal performance and electrical isolation.

Key Features

- Excellent thermal properties
- High thermal index rating (UL94-V0)
- Excellent dielectric properties

Structure of SILPAD® OIA00



Available with or without pressure sensitive adhesive

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Property	Test Method	Unit	Value
Reinforcement carrier	-	-	Fibreglass
Thickness	ASTM D374	mm	0.127
Hardness	ASTM D2240	Shore A	91
Elongation	ASTM D412	%45° to warp & fill	20
Tensile strength	ASTM D412	mPa	12
Continuous use	-	°C	-60 to 180
Dielectric constant	ASTM D150	1000Hz	6.0
Volume Resistance	ASTM D257	Ohm meter	10 ¹⁰
Flame rating	UL 94	-	V-0

Applications

SILPAD® OIA00 used on power supplies, automotive electronics, motor controls and power semiconductors.

The information above is given in good faith and should be considered as a guide not a specification.



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CLEANROOM CLASS 8

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