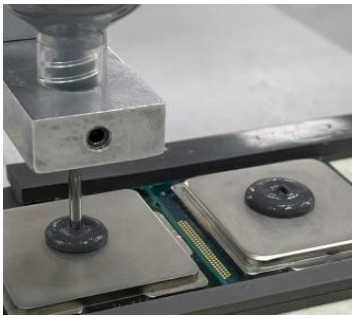
KLEBER

NYS-SORBER® ABG 960 One-Part Thermal/EMI Absorber Gel



NYS-SORBER® ABG series are Nystein specially designs for achieve low interface thermal resistance performance and electromagnetic wave absorption performance. It has good fluidity and does not need to be die-cut, and can be directly dispensed on devices and housings, Those material are to designed heat sources, such as a high-power IC, and heatsinks or other heat transfer devices or metal chassis. NYS-SORBER ® ABG series also functions to suppress unwanted energy coupling, resonances or surface currents causing board level EMI issues.

NYS-SORBER® ABG 960 one-part thermal/EMI absorber gel is a new type of EMI shielding material that combines wave absorption and thermal conduction solutions. Its thermal conductivity is 6.5W/mk, and have good absorption effect in the 1-40GHz operating frequency band. This product can be applied to electronic components, communication equipment, electronic appliances, and automotive electronics.

SPECIFICATIONS

Typical Performance	NYS-SORBER® ABG 960	Unit	Test Method
Color	Gray	-	-
Min. Used Thickness	0.15	mm	Nystein
Flow Rate	60	g/min	Nystein
Thermal Conductivity	6.5	W/mk	ISO 22007-2
Thermal Resistance	0.06	℃·in²/W	ASTM D5470
Density	3.6	g/cm³	ASTM D792
Dielectric breakdown	4.5	kV/mm	ASTM D149
Volume Resistivity	10^{12}	Ohm-cm	ASTM D257
Flammability Rating	V-0	-	UL 94
Working Temperature	-40~+150	℃	ASTM D1329

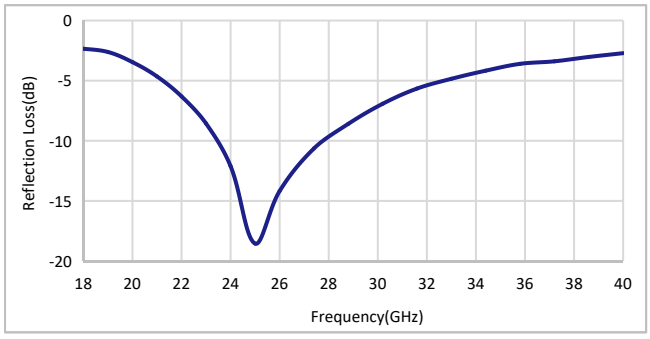
FEATURES & BENEFITS

- Good thermal conductivity ,6.5W/mk.
- Great EMI suppression over wide frequency range, particularly 25GHz and above.
- One-part, dispensable and curable thermal absorber gel.
- Low volatile content.
- RoHS Compliant.

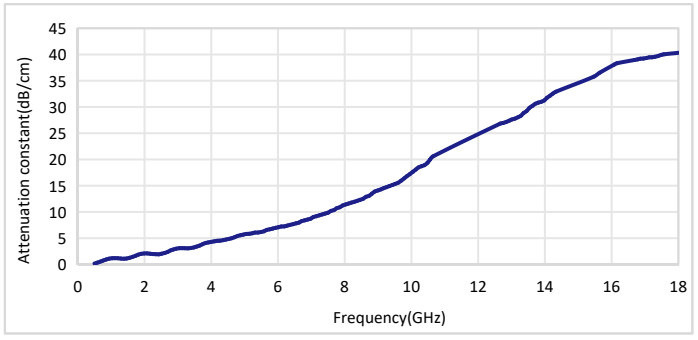
CONFIGURATION AVAILABLE

- 50cc, 300cc
- 1kg,10kg

REFLECTION LOSS CURVE



ATTENUATION CONSTANT



Declare
The recommendation and data furnished by Kleber is based on our experiment and experience to date.This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application.Kleber shall not be liable for their usage and processing. The technology data sheet is subject to change without notice. The final interpretation right of the contents of this specification belongs to Kleber.