KLEBER

NYS-SORBER® AB 930 Thermal Microwave Broad Band Absorber

Thermal microwave absorber, as the name implies, can both absorb microwaves and conduct heat. With polymer silicon as substrate, thermal microwave absorber is a compound of ceramic powder, magnetic filler and corresponding additives. The product can achieve thermal conduction and microwave absorption at low compression force, and it has good insulation properties and environmental stability.

NYS-SORBER® AB 930 is a blended absorber/high efficiency thermal management material that is used for EMI mitigation. It can be applied like a traditional thermal pad between heat source and heat sink or other device need heat transfer. This product is ideally suitable for 4-40GHz Crosstalk-Resistant application.



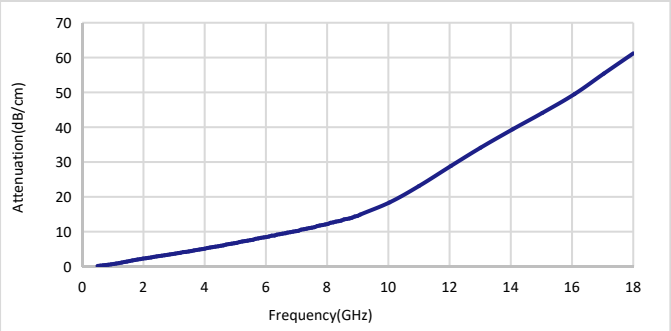
SPECIFICATIONS

Typical Performance		NYS-SORBER® AB 930		Unit		Test Method
Color		Gray		-		-
Hardness		60+/-5		Shore OO		ASTM D2240
Density		3.9		g/cm^3		ASTM D792
Working Temperature		-45~+150		℃		ASTM D1329
Volume Resistivity		≥10^9		Ohm-cm		ASTM D257
Breakdown Voltage		4.5		KV		ASTM D149
Flammability Rating		V-0		-		UL 94
Thermal Conductivity		3.2		W/m-K		ASTM D5470
Thermal Resistance@1mm	Pressure (PSI)	5	10	20	40	ASTM D5470
	Thermal Resistance (℃-in^2/w)	0.59	0.49	0.38	0.31	

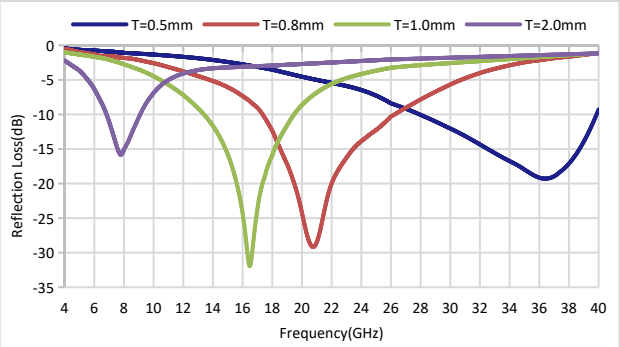
FEATURES & BENEFITS

- Soft like a thermal gap filler material.
- Thickness range: 0.5~5mm.
- Especially suitable for switch/optical module application.
- Product does not require peel and stick adhesive when used like a traditional thermal interface material due to its tacky, compliant properties.
- UL Flammability: V-0.

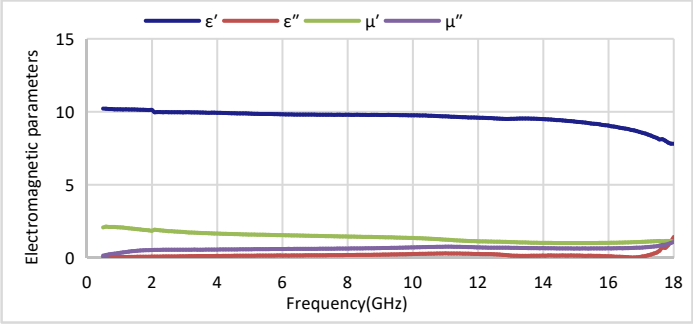
ATTENUATION CONSTANT



REFLECTION LOSS CURVE



ELECTROMAGNETIC PARAMETER(T=1mm)



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.