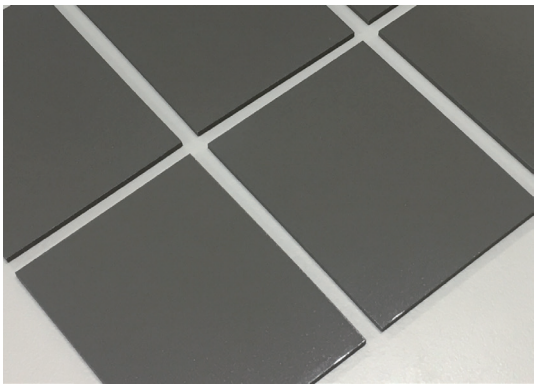
TEM96C

Thermally Conductive Absorber Pad

LiPOLY TEM96C is a thermally conductive absorber based upon soft magnetic materials dispersed in a polymeric resin. It has a thermal conductivity of 4.0 W/m*K and dissipates electromagnetic radiation rapidly to mitigate against EMI issues.



Features-

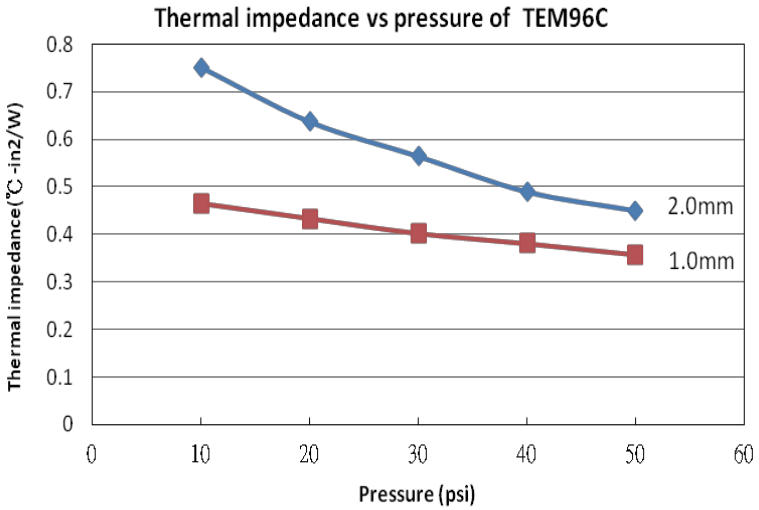
- Thermal conductivity: 4.0 W/m*K
- Excellent absorption characteristics
- Naturally tacky
- Reworkable

Typical Applications-

- IC, CPU, MOS, LED, M/B, P/S, Heat Sink
- LCD-TV, Notebook PC, PC, Telecom Device, Wireless Hub
- DDR II Module, DVD Applications, Hand-set application

Specifications-

- Sheet form
- Die-cut parts

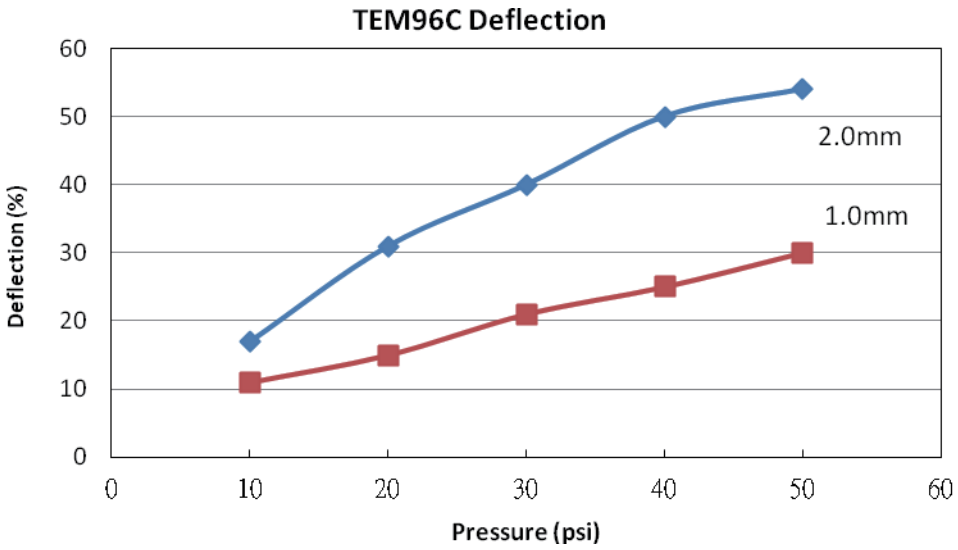


Typical Properties-

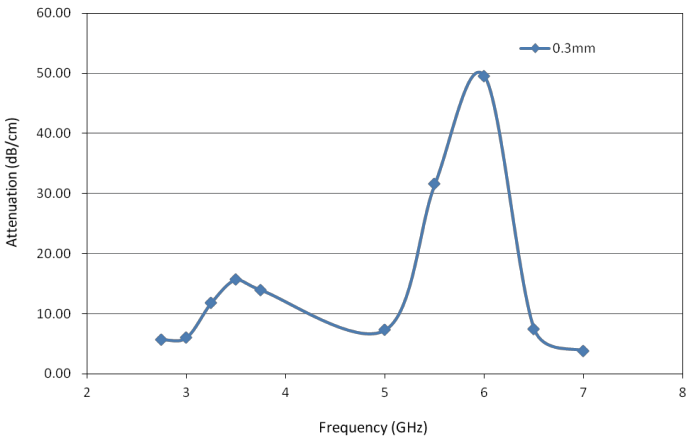
PROPERTY	TEM96C	TEST METHOD	UNIT
Color	Dark Gray	Visual	-
Thickness	1.0~3.0	ASTM D374	mm
Hardness	55	ASTM D2240	Shore 00
Density	3.9	ASTM D792	g/cm^3
Application temperature	-45~180	-	℃
EMI Aftenuation @5 GHz	11	-	(db-cm)
EMI Aftenuation @7 GHz	17	-	(db-cm)
Volume resistivity	10^{12}	ASTM D257	Ohm-m
Thermal Conductivity	4	ASTM D5470	W/m*K

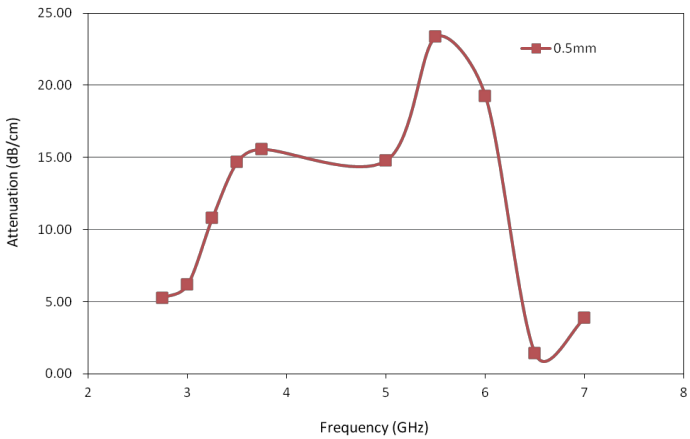
※These data are provided for reference only. Engineers are reminded to test the material in varied application.

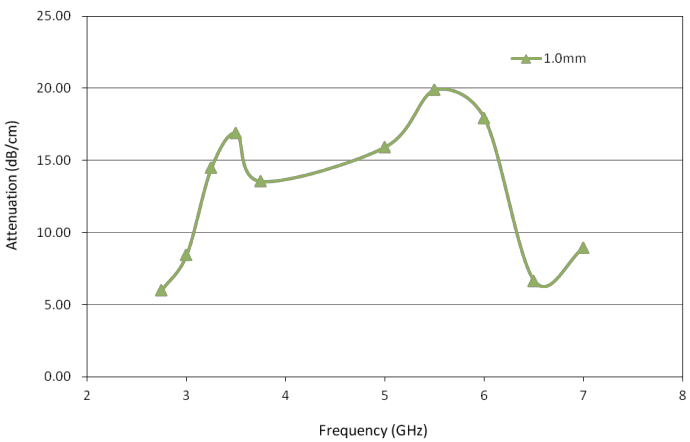
Deflection-

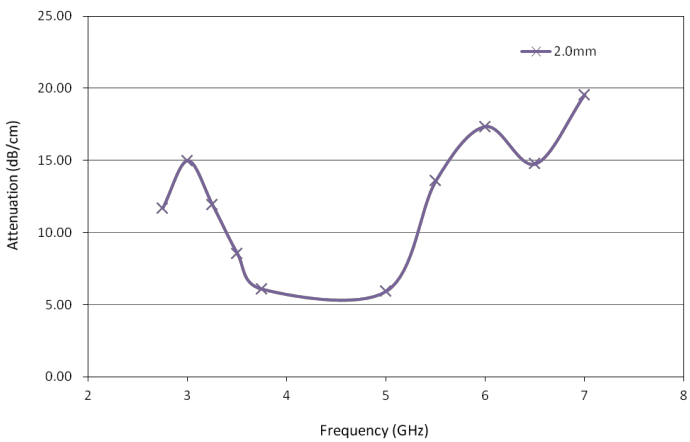


Attenuation- (dB/cm)









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