

Thermally Conductive Electromagnetic Wave Absorbing Pad

TP500-H70-AM is a gasket with both thermal conductivity and wave absorbing functions. It is made of silica gel and thermally conductive wave absorbing ceramic filler through a special process. It has good thermal conductivity, electromagnetic wave absorption and electromagnetic shielding functions. can absorb the leaked electromagnetic radiation, achieve the purpose of eliminating electromagnetic interference, and provide a good solution for electronic communication products in terms of heat conduction and electromagnetic shielding.



Features and Benefits

- Thermal Conductivity : 5.0 W/(m·K)
- Excellent electromagnetic shielding function
- Excellent high and low temperature and mechanical properties
- High chemical stability

Typical Applications

- Electronic communication equipment
- Digital products, computers
- Medical electronic
- Automotive electronics
- Aerospace and aviation
- High-frequency modules

Typical Properties

Attribute	Value	Test Method
Color	Black	Visual
Thickness (mm)	1.0 to 10.0	ASTM D374
Density (g/cc)	4.2	ASTM D792
Hardness (Shore 00)	70	ASTM D2240
Reflectivity (dB)	-16 @14GHz	GJB2038A-2011
Usage Temperature (°C)	-40 to 150	/
Flammability	V-0	UL 94
Shelf Life (months)	12	Temperature <40°C avoid extrusion and exposure to the sun
Electrical		
Volume Resistivity (Ω·cm)	$\geq 10^{12}$	ASTM D257
Thermal		
Thermal conductivity (W/(m·K))	5.0	ISO 22007-2

Any information provided in this document is considered accurate. All specifications are subject to change without notice. All products and services are sold under the terms and conditions of sale. Neither the seller nor the manufacturer is liable for any direct, incidental or consequential loss or damage to the infringement or contract, including loss of profits or income resulting from the use or inability to use the product. Unless the seller and the manufacturer's official sign the agreement, the seller or the purchaser's statement, purchase order or advice not included here shall have no effect or effect. © Copyright 2019, AOCHUAN TECHNOLOGY.

