

Millimeter-wave Foam Absorber

Description:

1. Name: PE-MM, solid foam pyramidal absorber
2. Standard color: Black
3. Material: polyurethane soft foam, carbon black, fire retardant
4. Working temperature °C: -50°C~+80°C, short time can be 100°C
5. Antiflaming: NRL8093(1977)
6. Environmental protection: RoHS
7. Height: 100mm
8. Base size: 500*500mm

Customized acceptable.



Characteristics:

1. Tetrahedral pyramid, the shape is neat, beautiful and clean, flexible, good physical properties.
2. High-quality polyurethane foam body, the absorbing component is carbon black, no dust, no slag.
3. Product surface is generally light blue, customized color is acceptable.
4. Meet the US Naval Laboratory Report NRL8093 (1977) three tests:
 - 1) withstand voltage;
 - 2) flame ignition and spread is difficult;
 - 3) smoldering.

Data Sheet:

Model Name	Thickness (mm)	Vertical incident maximum reflectivity Rw (-dB) at specific frequency (GHz)				Base Size(mm)	Number of Pyramidal
		100	75	50	40		
PE-MM-100	100	45	45	45	45	500*500	13*13

Application Place:

1. Microwave chamber, test chamber, absorbing screen and other millimeter-wave test environment.
2. Used for automotive millimeter-wave radar testing, 5G testing and other millimeter-wave frequency use.

Installation:

1. Install with adhesive
2. Install with nylon buckles
3. Install with the prepared pendant