

Polystyrene Absorber for Microwave Chamber



Description:

Basic composition:	Polystyrene foam
Operation temperature:	-50°C ~+70°C
Retardancy:	NRL 8093 I, II, III
Power handling:	1000w/sqm
Environment:	indoor use
Service life:	30 years
Model:	PE-PS-PY for microwave broadband use.

Feature:

- Made by mould, more precise size.
- Close cell structure, more stable performance and more clean environment and resistant to humidity.
- More longer service life.
- RoHS compliance.
- Light weight and easy installation.

Application

It is used in microwave anechoic chamber, OTA measurement anechoic chamber, antenna anechoic chamber, and ground's VSWR in EMC chamber.

PE-PS-PY model absorber for microwave chamber and antenna chamber. ®

Model	Reflectivity (-dB) at normal frequency (GHz)						
	0.5	1	3	6	8	18	40
PE-PS-PY-300	20	30	45	45	45	45	45
PE-PS-PY-500	30	35	45	55	50	50	50
PE-PS-PY-700	35	40	50	55	50	50	50
PE-PS-PY-1000	40	45	55	55	55	55	55
PE-PS-PY-1200	40	45	55	55	55	55	55
PE-PS-PY-1600	45	50	55	55	55	55	55

Model	Size(mm)			Number of Pyramidal
PE-PS-PY-300	600	600	300	36
PE-PS-PY-500	600	600	500	16
PE-PS-PY-700	600	600	700	9
PE-PS-PY-1000	300	300	1000	1
PE-PS-PY-1200	400	400	1200	1
PE-PS-PY-1600	400	400	1600	1