

Technical Data Sheet

PP1000

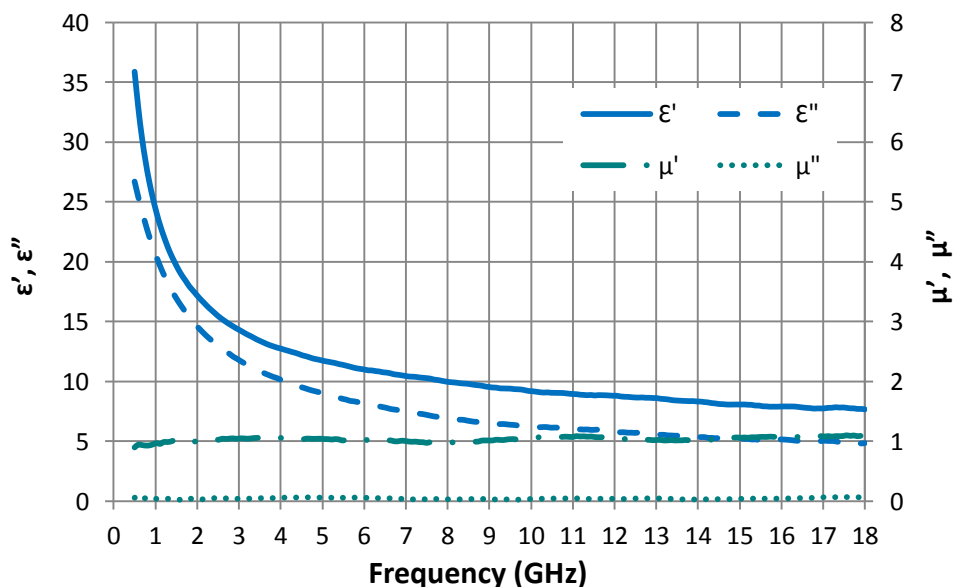


Description

- Lightweight broadband absorber that utilizes a polypropylene binder to provide a good balance of mechanical and electrical properties as well as good chemical resistance.
- Designed for attenuation across a wide range of frequencies, performance can be tailored to specific applications.
- PP1000 is ideally suited as an absorber/suppressor in electrical enclosures.
- RoHS and REACH compliant, custom parts can be injection molded in a wide variety of shapes and sizes.

Properties	Test Method	Value
Durometer	ASTM D2240-03	70 Shore D
Tensile Strength	ASTM D638-02A	4400 psi
Elongation	ASTM D638-02A	15%
Flexural Stress at 5% Strain	ASTM D790-10	5,450 psi
Flexural Modulus	ASTM D790-10	183,000 psi
Izod Impact Notched	ASTM D256-10	0.18 ft lb/in
Izod Impact Unnotched	ASTM D4812-06	3.53 ft lb/in
Thermal Conductivity	ASTM E1530-06	0.25 W/m*k
Surface Resistivity	ASTM D257	0.0359 MΩ/□
Heat Deflection	ASTM D648-07	189.8°F (87.7°C)
Color	--	Black

Permittivity and Permeability



Note: the information provided above is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical.