

PP-1000

Description: This lightweight, broadband absorber utilizes a polypropylene binder to provide a good balance of mechanical and electrical properties in addition to good chemical resistance. The product line is designed for attenuation across a wide range of frequencies. Performance can be tailored to specific applications. PP-1000 is ideally suited as an absorber / suppressor in electronic enclosures.

Configuration: Custom parts can be injection molded in a wide variety of shapes and sizes.

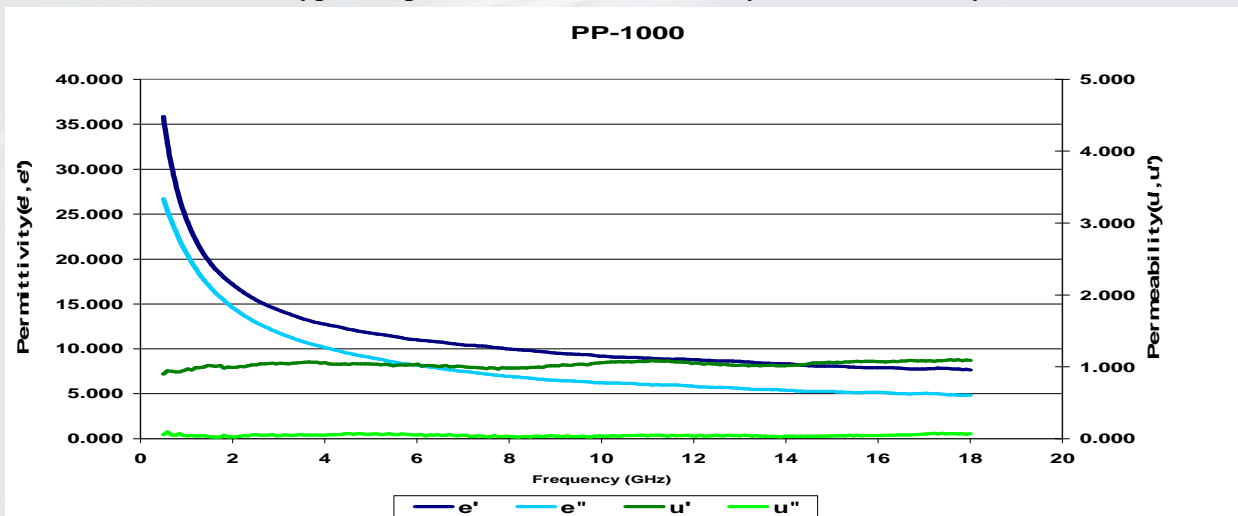
Color: Black

Properties

Test Method

Durometer Shore Rating	ASTM D2240-03	70 Shore D
Tensile Strength	ASTM D638-02A	4400 psi
Tensile Elongation	ASTM D638-02A	15 %
Tensile Modulus	ASTM D638-02A	90000 psi
Flexural Stress at 5% Strain	ASTM D790-10	5450 psi
Flexural Modulus	ASTM D790-10	183000 psi
Izod Impact Notched	ASTM D 256-10	0.18 ft lb/in
Izod Impact Unnotched	ASTM D 4812-06	3.53 ft lb/in
Thermal Conductivity	ASTM E1530-06	0.25 W/m*k
Surface Resistivity	ASTM D257	0.0359 MΩ/sq
Heat Deflection	ASTM D648-07	189.8°F (87.7°C)
Thermal Aging (105 C, for 168 hrs)		
Tensile Strength	ASTM D638-02A	4600 psi
Tensile Elongation	ASTM D638-02A	14 %

Electrical Data Typical Epsilon and Mu (Permittivity and Permeability)



NOTE the information above is accurate at time of publication, but it is incumbent on the end user to confirm compliance to their application.



ABSORBED IN TECHNOLOGY

www.arc-tech.com

