

Technical Data Sheet

TP-2000

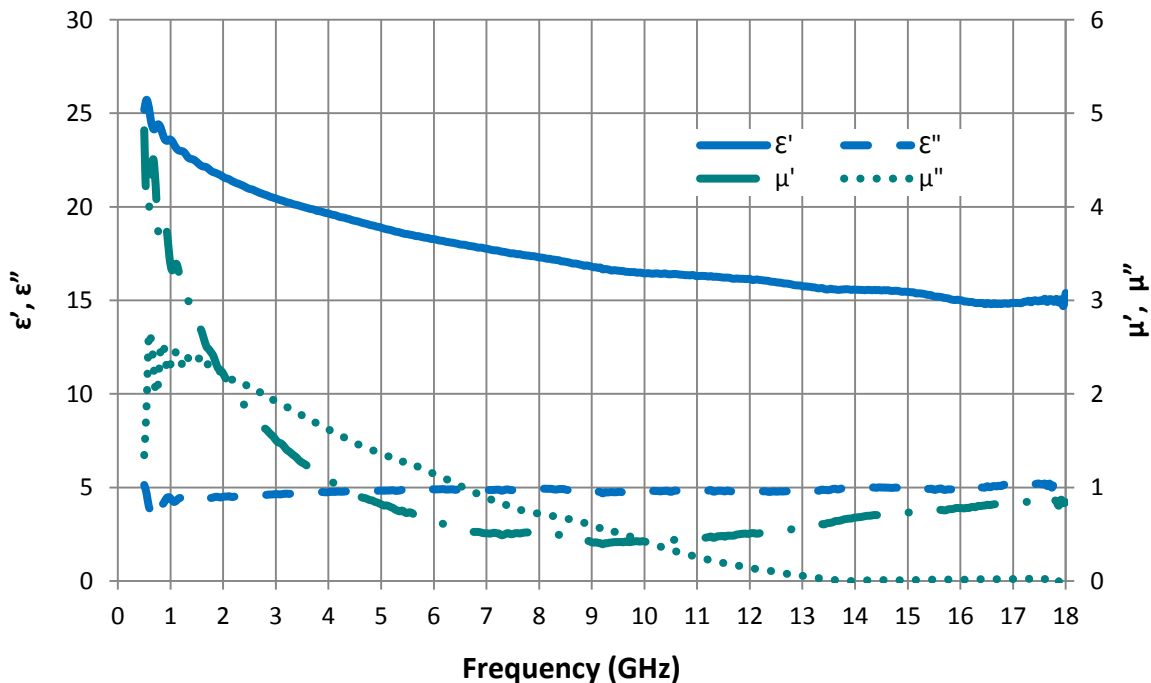


Description

- MAGRAM absorber that utilizes a thermoplastic polyurethane binder to provide a good balance of mechanical, thermal, and electrical properties.
- This product line is designed for attenuation in the range below 5 GHz.
- Performance can be tailored to specific applications.
- Ideally suited as a near-field absorber/suppressor in electronic enclosures.
- Custom sheet sizes available up to 24" x 48" (60.96 cm x 121.92 cm) ranging in thickness from 0.010" to 0.100" (0.254 mm to 2.54 mm)
- Custom parts can be injection molded in a wide variety of shapes and sizes
- Halogen free, RoHS and REACH compliant.

Properties	Test Method	Value
Durometer	ASTM D2240	75 Shore D
Tensile Strength	ASTM D638	2500 psi
Elongation	ASTM D638	28%
Tensile Modulus	ASTM D638	58,000 psi
Flexural Modulus	ASTM D790	119,000 psi
Izod Impact Notched	ASTM D256	0.45 ft-lb/in
Izod Impact Unnotched	ASTM D4812	2.23 ft-lb/in
Thermal Conductivity	ASTM E1530	1.31 W/m*k
Surface Resistivity	ASTM D257	2 MΩ/□
Heat Deflection	ASTM D648	125.4 °F (51.9° 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.