

## TP-2000

**Description:** This magram absorber utilizes a thermoplastic polyurethane binder to provide a good balance of mechanical, thermal and electrical properties. The product line is designed for attenuation in the range below 5 GHz. Performance can be tailored to specific applications. TP-2000 is ideally suited as a near-field absorber / suppressor in electronic enclosures.

**Configuration:** Custom sheet sizes up to 24" x 48". Thickness ranges from 0.010" to 0.100". Custom parts can be injection molded in a wide variety of shapes and sizes.

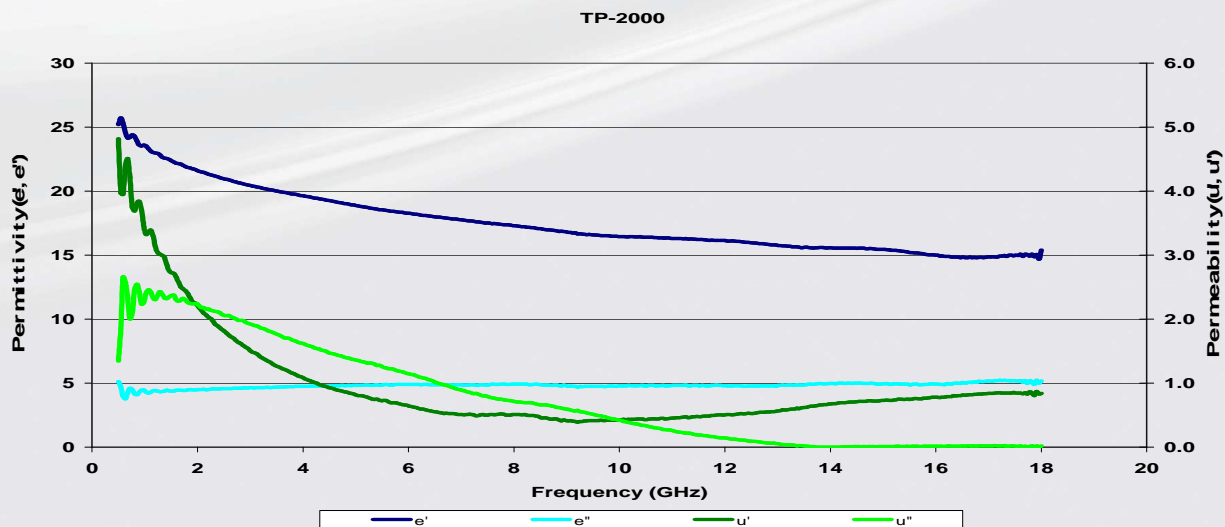
**Color:** Black

### Properties

### Test Method

<b>Durometer Shore Rating</b>	<b>ASTM D2240-03</b>	75 Shore D
<b>Tensile Strength</b>	<b>ASTM D638-02A</b>	2500 psi
<b>Tensile Elongation</b>	<b>ASTM D638-02A</b>	28 %
<b>Tensile Modulus</b>	<b>ASTM D638-02A</b>	58000 psi
<b>Flexural Stress at 5% Strain</b>	<b>ASTM D790-10</b>	2810 psi
<b>Flexural Modulus</b>	<b>ASTM D790-10</b>	119000 psi
<b>Izod Impact Notched</b>	<b>ASTM D 256-10</b>	0.45 ft lb/in
<b>Izod Impact Unnotched</b>	<b>ASTM D 4812-06</b>	2.23 ft lb/in
<b>Thermal Conductivity</b>	<b>ASTM E1530-06</b>	1.31 W/m*k
<b>Surface Resistivity</b>	<b>ASTM D257</b>	2.042 MΩ/sq
<b>Heat Deflection</b>	<b>ASTM D648-07</b>	125.4°F (51.9°C)

### 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 to user to confirm compliance to their application.



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