

Technical Data Sheet

PP6000 Series

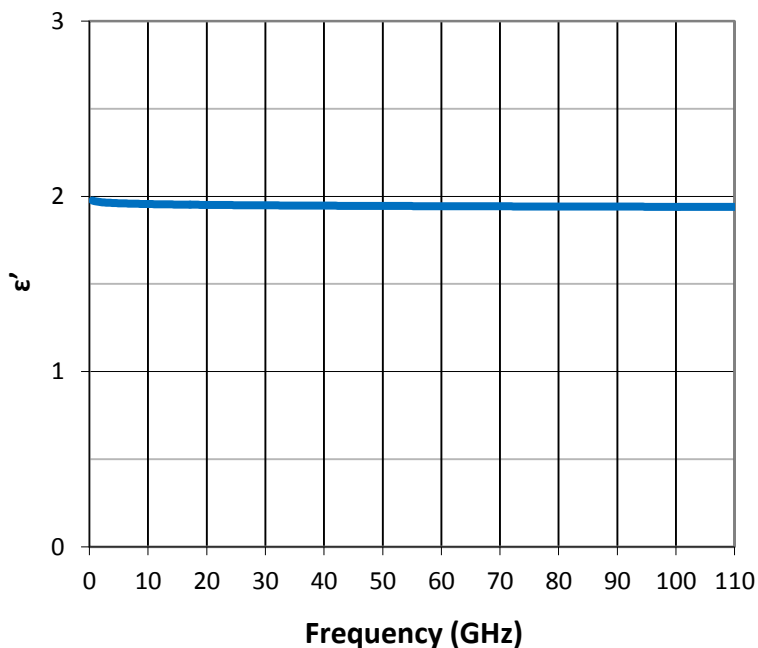


Description

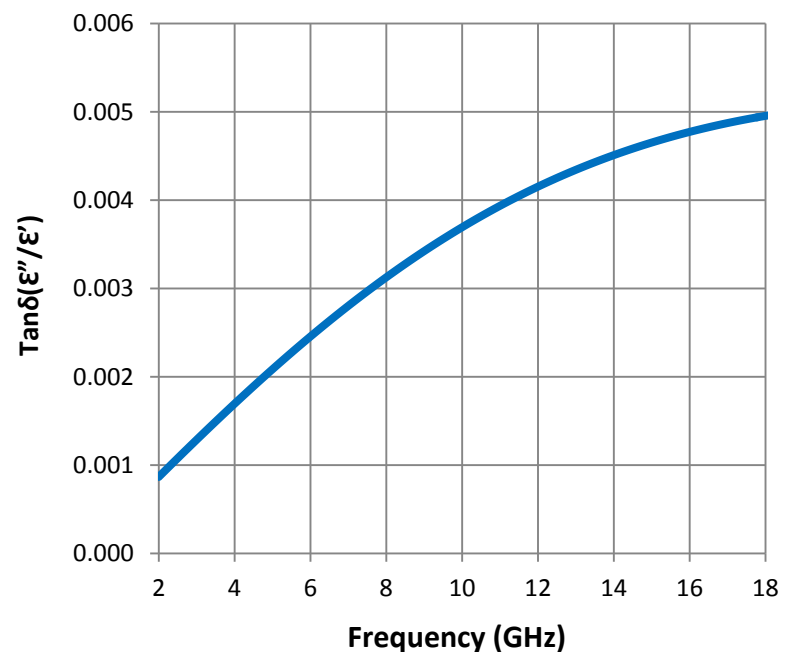
- Low dielectric, low-loss thermoplastic compound.
- PP6000 has good resistance to moisture and most chemicals.
- Ideal for applications at 24 GHz and 77 GHz, including radomes for automotive radar.
- Can be used as an impedance-matching material or as a dielectric spacer.
- Parts can be extruded, injection molded or machined for custom configurations.
- Halogen free, RoHS and REACH compliant.

<u>Properties</u>	<u>Test Method</u>	<u>Value</u>
Durometer	ASTM D2240	60 Shore D
Tensile Strength	ASTM D638	1260 psi
Elongation	ASTM D638	4%

Permittivity



Dielectric Loss Tangent



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.