

Technical Data Sheet

PP1002

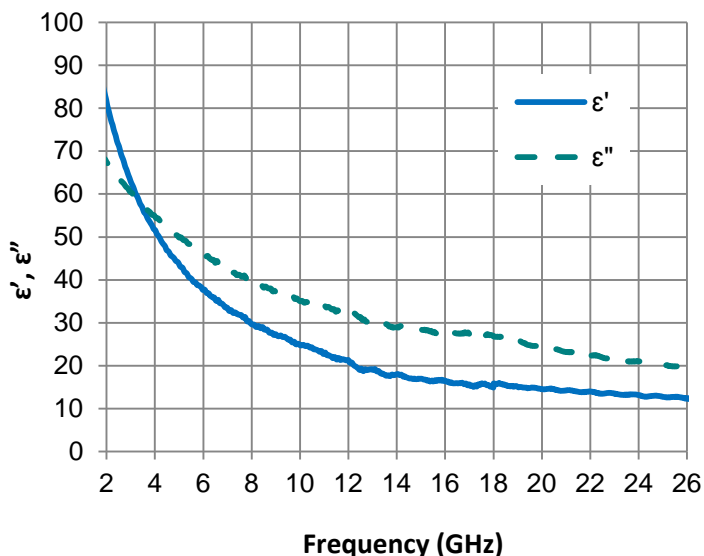


Description:

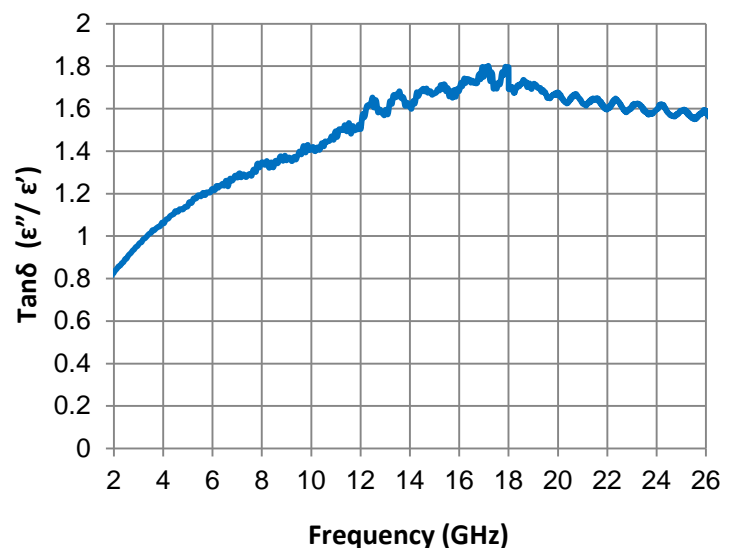
- PP1002 is a Polypropylene-based dielectric absorber that provides a balance of mechanical and electrical properties.
- Designed for attenuation above 10 GHz range, PP1002 is ideal for attenuating near-field emissions, cavity resonance suppression, and surface current reduction.
- This rigid material is perfect where structural properties are required, such as connector housings and circuit cover.
- Pellet form is also available.
- This product is halogen free, RoHS and REACH compliant.

Properties	Test Method	Value
Durometer	ASTM D2240	71 Shore D
Tensile Strength	ASTM D638	> 3000 psi
Elongation	ASTM D638	> 5%
Surface Resistivity	ASTM D257	20 Ω/\square
Flammability Rating	--	UL94 V-0
Color	--	Black

Measured Complex Permittivity



Measured Electric Loss Tangent (ϵ''/ϵ')



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.