

# Technical Data Sheet

## PA1003

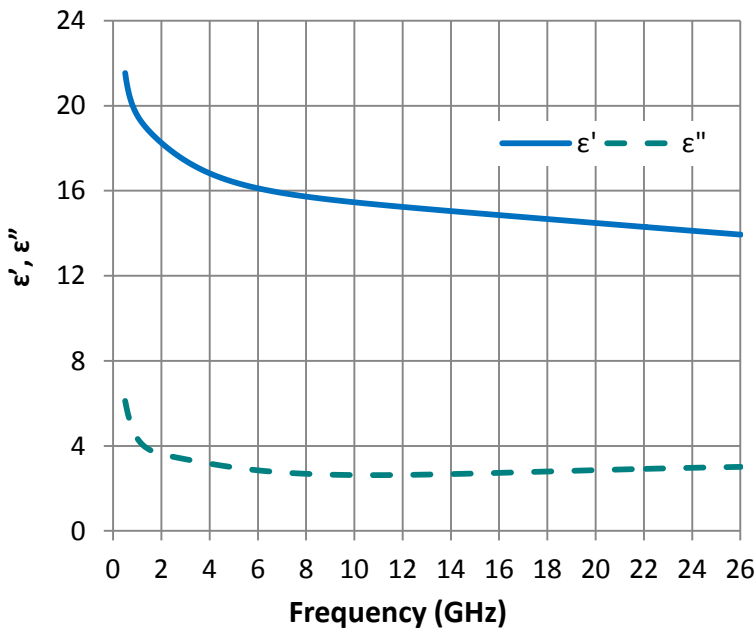


### Description

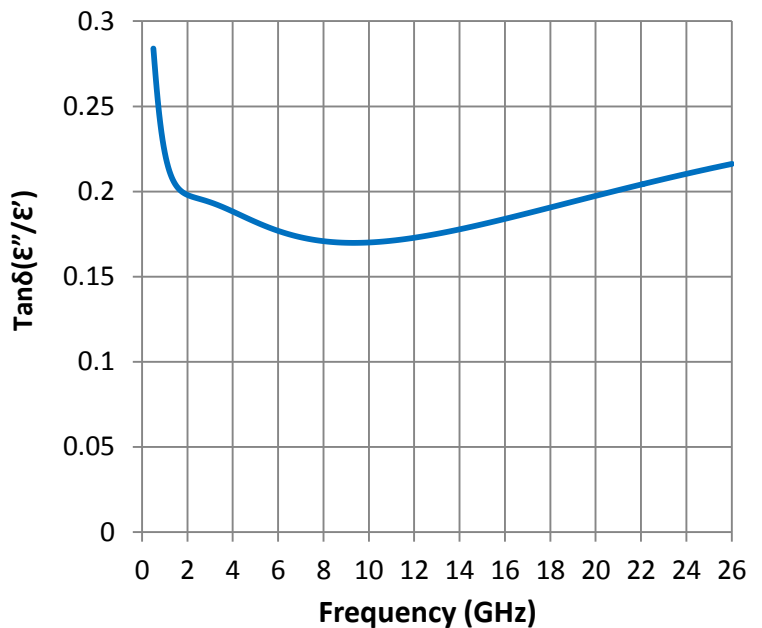
- PA1003 is a nylon-based dielectric absorber.
- Designed for attenuation in the +1 GHz range.
- This product line is designed to make rigid parts requiring mechanical properties.
- PA1003 has been impact modified to provide toughness and impact resistance.
- Ideally suited to be molded into a connector, housing, or circuit cover.
- Performance can be tailored to specific applications.
- Halogen free, RoHS and REACH compliant.

Properties	Test Method	Value
Durometer	ASTM D2240	75 Shore D
Tensile Strength	ASTM D638	5980 psi
Elongation	ASTM D638	24%
Surface Resistivity	ASTM D257	20 MΩ/□
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.