

Technical Literature E-01-02

## Dielectric Constant and Dielectric Dissipation Factor of AURUM<sup>®</sup> in High Frequency

The Table below shows results of the measurement of the dielectric constant and dielectric dissipation factor of AURUM<sup>®</sup> in a high-frequency range.

Testing frequency	Room temperature 23°C/50%RH		After boiling 120°C/2atm/5hrs	
	Dielectric constant	Dielectric dissipation factor	Dielectric constant	Dielectric dissipation factor
3 GHz	3.192	$5.283 \times 10^{-3}$	3.313	$1.033 \times 10^{-2}$
6 GHz	3.195	$6.433 \times 10^{-3}$	3.327	$1.300 \times 10^{-2}$
12 GHz	3.215	$7.817 \times 10^{-3}$	3.308	$1.817 \times 10^{-2}$

The thickness of the test specimen was 400  $\mu$  m, and that of the standard substrate was 0.582 mm.

The information contained herein is based on the information and data available at this moment, but none of the data or evaluation results contained herein provide any warranty whatsoever.