



**产品编号 (Item No) : NY6200**

**型号 (Model) : NY6200 ANT**

**Modified Epoxy Material for RF Application**

**特点:**

- 介电常数(Dk 4.38@10GHz)
- 介质损耗(Df 0.0065@10GHz)
- 低吸水性
- 优异通孔可靠性及 PCB 加工性

**FEATURES:**

- Low Dk (Dk 4.38@10 GHz)
- Low Df (Df 0.0065@10 GHz)
- Low moisture absorption
- Superior PTH reliability and easy PCB processing

**应用领域:**

- 移相器/天线振子

**APPLICATIONS:**

- Phaser/Antenna Dipole

**NY6200 ANT 基板产品规格表 Specification Sheet for Laminate**

NY6200 ANT 覆铜板 NY6200 ANT Laminate	单位 Units	典型值 Typical Value	条件 Condition	测试方法 Test Method
	Metric(English)	0.508mm CCL		IPC-TM-650
1. 玻璃态转化温度 Glass Transition Temperature	℃	190	DSC	2.4.24
2. 膨胀系数 Z-Axis CTE A. 50 to 260 ℃	%	2.0	TMA	2.4.24
3. 膨胀系数 X/Y CTE A. 50 to 125℃	PPM/℃	10/11	TMA	2.4.24
4. 热分解温度 Decomposition Temperature	℃	385		TD (5% wt loss)
5. 介电常数 Permittivity (Laminate & Prepreg as laminated)	-----	4.38+/-0.08	10 GHz/23℃	SPDR
6. 介质损耗 Loss Tangent (Laminate & Prepreg as laminated)	-----	0.0065	10 GHz/23℃	SPDR
7. 吸水率 Moisture Absorption	% maximum	0.09		2.6.2.1
8. 抗剥强度 Peel Strength, As received	N/mm	0.95		2.4.8
9. 体积电阻 Volume Resistivity,	MΩ-cm, Minimu	3.5×10 <sup>7</sup>		2.5.17.1
10. 表面电阻 Surface Resistivity,	MΩ, minimum	5.0×10 <sup>6</sup>		2.5.17.1
11. 抗拉强度 Tensile strength	MPa	265		GB/T 1040.1-2018
12. 弯曲强度 Flexural strength	MPa	425		2.4.4.1B
13. 拉伸模量 Tensile Modulus	MPa	25000		GB/T 1040.1-2018
14. 燃烧性 Flammability (Laminate & Prepreg as laminated)	Rating	V-0		UL94

\*AABUS = 供需双方商定 As agreed upon between user and supplier.



**NY6200 ANT 基板采购信息**

标准厚度产品	标准板材尺寸	标准铜箔
0.008"(0.203mm) 0.012"(0.305mm) 0.016"(0.406mm) 0.020"(0.508mm) 0.031"(0.787mm) 0.040"(1.016mm) 0.060"(1.524mm)	37" x 49" & 41"x49"	HOz (17um), 1Oz (35 um)