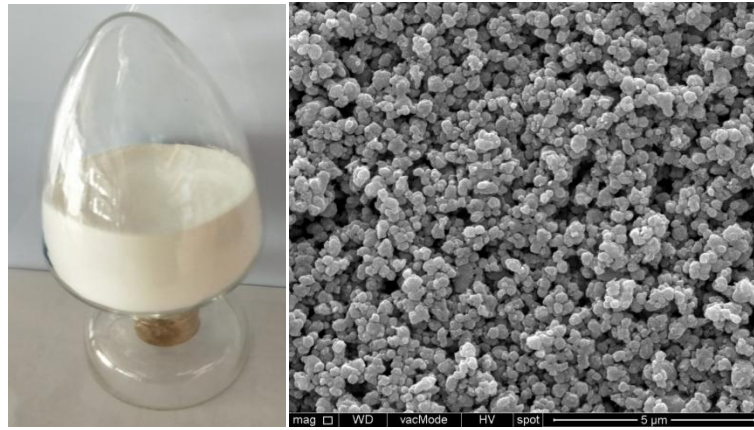


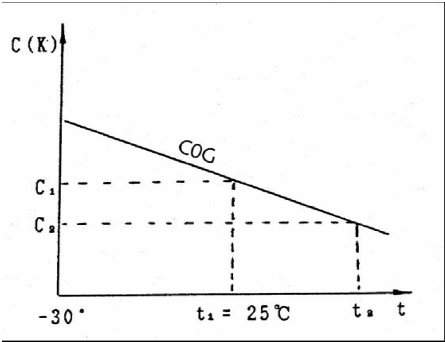
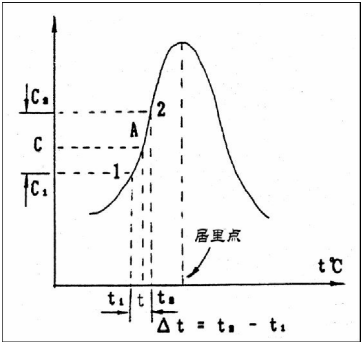
## ■ Ceramic Medium Materials For MLCC

### ◆ Features

- \*The dielectric (ceramic powder) is the key fundamental material for making multilayer ceramic capacitor (MLCC).
- \*Our company uses solid-state reaction method to synthesize BT as the main system. Compared to BT prepared by hydrothermal method, prepared by solid-state method has more advantages in reliability.
- \* Our company has built the first automated production line for electronic ceramic powder in China. This production line has achieved automation of powder production, digital management of the production process, and improved the stability of product quality.

### ◆ Product Pictures



<p>Temperature characteristic</p>	 <p>The capacity varies linearly with temperature</p>	 <p>The capacity varies nonlinearly with temperature</p>
<p>Porcelain type</p>	<p>NPO (COG)</p>	<p>X7R、Z5U、Y5V</p>

**◆ Physical Properties**

Product Name	SSA (m <sup>2</sup> /g)	Dielectric Constant	Dielectric Loss ( $\times 10^{-4}$ )	TCC	Sintering Temperature (°C)	MLCC Dielectric Layer Thickness( $\mu\text{m}$ )	Electrode Slurry Type
FW-K30N	6.0±1.0	34±1.5	≤5	NP0	1260~1300	≥6	BME
FW-K15	5.0±0.5	15.1±0.5	<6	NP0	1110~1130	≥6	NME
FW-K85	5.0±0.5	75±3	<5	NP0	1015~1045	≥6	NME
FW-B302A	2.5±0.3	2600±200	<80	X7R	1100~1140	≥10	NME
FW-B292NA	8.0±1.0	2300±100	≤75	X7R	1280±20	≥6	BME
FW-B332NA	4.0±0.5	2850±200	≤75	X7R	1280±20	≥10	BME
FW-B332NC	3.5±0.5	2850±200	≤75	X7R	1280±20	≥8	BME
FW-Y143NA	6.0±0.5	12000±1500	≤45	Y5V	1220±10	≥6	BME

**◆ Product Features**

\* Our company has been committed to the research and production of highly reliable, safer, environmentally friendly, miniaturized, and thin-layer MLCC media materials. Our company can provide a full range of MLCC medium materials such as C0G, X7R, Y5V, etc., which can sustainably meet the needs of customers for thin layer, high reliability, and high cost-effectiveness of MLCC medium materials.