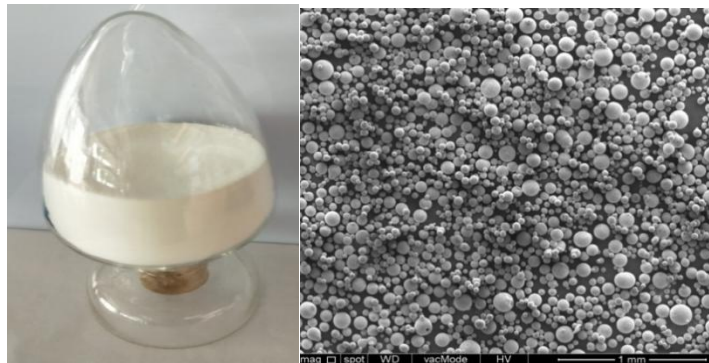


## ■ Microwave Ceramic Dielectric Materials

### ◆ Features:

- \*Microwave dielectric materials are the key materials of microwave components such as microwaveresonators, wave filters, microwave antennas and diplexers.
- \*It has very important applications in modern microwave communication technologies such as the mobile communication, satellite communication, global positioning system (GPS), wireless access, wireless local area network (WLAN) and Bluetooth technology.

### ◆ Product Pictures:



### ◆ Physical Properties: coefficient

Type	Dielectric Constant( $\epsilon_r$ )	Temp.Coefficient $\tau_f$ (ppm/ $^{\circ}$ C)	Values $f_0 \times Q$ (GHz)	Sintering Temp( $^{\circ}$ C)
FH-K9	10.5 $\pm$ 0.5	0 $\pm$ 5	$\geq$ 50000	1370 $\pm$ 10
FH-K19	19.5 $\pm$ 0.5	0 $\pm$ 5	$\geq$ 50000	1360 $\pm$ 10
FH-K38	38 $\pm$ 1.0	0+10	$\geq$ 48000	1370 $\pm$ 10
FH-HQ120 (SD)	12 $\pm$ 1.0	$\pm$ 5	>45000	1340 $\pm$ 10
FH-HQ210A (SD)	20.8 $\pm$ 0.15	$\pm$ 3	>80000	1450 $\pm$ 10
FH-HQ390(SD)	39.5 $\pm$ 1.0	$\pm$ 3	>45000	1340 $\pm$ 10
FH-HQ400(SD)	40 $\pm$ 1.0	$\pm$ 3	>69000	1550 $\pm$ 10
FH-HQ450(SD)	44 $\pm$ 4.0	-5~15	42000 $\pm$ 6000	1450 $\pm$ 10
FH-HQ900 (SD)	90 $\pm$ 2.0	$\pm$ 10	>4000	1320 $\pm$ 10
FH-HQ1050 (SD)	105 $\pm$ 3.0	$\pm$ 15	>4100	1300 $\pm$ 10

### ◆ Product Features:

- \*The company can provide low, medium and high dielectric constant microwave ceramic materials,the product has the characteristics of high Qf value, good fluidity and uniformity, excellent molding, etc.