



Description: Ferro manufactures the world's broadest line of solid-state barium titanates. They are used for multilayer and disc capacitors, piezoelectrics, EL coatings and embedded capacitors.

Property	219-6 219-6A	Ticon C	Ticon P	Ticon T	ABT-SL- 10N ^a
Mole Ratio (Ba+Sr/Ti)	0.995	0.990	1.000	1.003	1.020
c/a Ratio	1.0078	1.0076	1.0085	1.0082	1.0061
Particle Size Dist, (µm)					
D90	2.1	3.8	4.0	3.29	2.7
D50	1.3	1.5	1.8	1.88	1.1
D10	0.8	0.6	0.6	1.05	0.4
Surface Area (m ² /g)	2.1	2.4	2.4	2.0	3.7
Powder Tap Density (g/cm ³)	1.3	1.44	1.68	1.68	1.20
K of 10% dispersion in PC ^b	91.8	91.6	87.9	86.4	89.9
K according to Lichtenecker ^c	2300	2250	1500	1250	1850

^aContains Nb

^bPC = Propylene Carbonate, $K = 64$

^cK according to Lichtenecker: $\log K(\text{mixture}) = v_1 \log K_1 + v_2 \log K_2$, where $v_x =$ volume fraction of component x and $K_x = K$ of component x

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