Local Insight, Global Impact

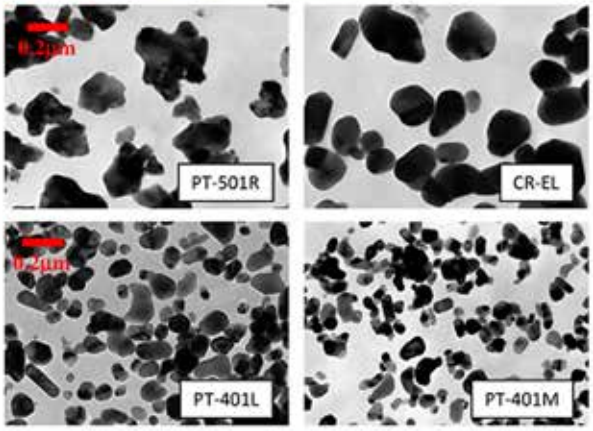
High Purity TIO_2

Ultra-high Purity Titanium Dioxide
CR-EL, PT series

Grade line up

Grade name	Process	SSA (m^2/g)	Rutile ratio (%)	TiO_2 Content
PT-501R	Sulphate	8.7	96	two-9
CR-EL	Chloride	6.5	98	three-9
PT-401L	Chloride	13	72	four-9
PT-401M	Chloride	20	61	four-9

Particle shape and Particle size



Application

1. High performance dielectric materials
   $BaTiO_3$ MLCC, Dielectric resonator
2. Piezoelectric materials
   PZT[$Pb(ZrTi)O_3$] Sparking plug, Microphone
3. PTC thermistor
   $BaTiO_3$ Temperature sensor, Heater
4. Varistor(Voltage variable resistor)
   TiO_2, $BaTiO_3$, $SrTiO_3$ Supply voltage stabilizer

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