

**T-410 TiO<sub>2</sub>+Nb<sub>2</sub>O<sub>5</sub>, 99.99% Dark Gray Granules 1~5mm**

Melting Point	1800 <sup>0</sup> C
Transmission Range	0.35~12 micron
Refractive Index	n=2.3 (500nm)
Density	4.93 g/cm <sup>3</sup>
Evaporation Temperature	2200 <sup>0</sup> C
Substrate Temperature	200~250 <sup>0</sup> C
Rate of Condensation	5~10A <sup>0</sup> /sec
Recommended Source	Water cooled copper crucible by electron beam gun

This is TiO<sub>2</sub>+Nb<sub>2</sub>O<sub>5</sub> mixture material. It has to be pre-melted before deposition. It has wide band and wide transmittance. Higher index and less absorption in the visible.

**Application:** Excellent Materials for broad A.R. coatings.

