

T-406 LaTiO₃, 99.99% Dark Gray Granules 1~5mm

Melting Point	1900 ⁰ C
Transmission Range	0.3-9 micron
Refractive Index	n=2 (500nm)
Density	5.9 g/cm ³
Evaporation Temperature	2200 ⁰ C
Substrate Temperature	200-250 ⁰ C
Rate of Condensation	5~10A ⁰ /sec
Recommended Source	Water cooled copper crucible by electron beam gun

This is Ti₂O₃+La₂O₃ mixture material. It has to be pre-melted before deposition. It has wide band, better transparency than TiO₂ and Ti₂O₃ and high index and less absorption in the and near UV to Near IR.

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

