

P-302 Pr(TiO₃)₂, 99.9% Dark Gray Granules 1~5mm

Melting Point	1900 ⁰ C
Transmission Range	0.3-9 micron
Refractive Index	n=2.2 (500nm)
Density	6.1 g/cm ³
Evaporation Temperature	2300 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+Pr₆O₁₁ mixture material. It has to be pre-melted before deposition. It has higher index and better transparency than LaTiO₃.

Application: High index materials for multi-layer coating in the visible on plastic or polymer substrate.

