

## American Elements Terbium Oxide Nanopowder

Category : Ceramic , Oxide

### Material Notes:

**General Description** TB-MITE powders and dispersions are inorganic terbium-oxide nanoparticles. TB-MITE-A products are uncoated and hydrophilic. TB-MITE-O products are coated with an organic silane (1-4%) and are hydrophobic. Particles are available in the size range of 10-200 nm.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_American-Elements-Terbium-Oxide-Nanopowder.php](http://www.lookpolymers.com/polymer_American-Elements-Terbium-Oxide-Nanopowder.php)

Physical Properties	Metric	English	Comments
Density	7.90 g/cc	0.285 lb/in <sup>3</sup>	
Particle Size	0.010 - 0.20 µm	0.010 - 0.20 µm	
Molecular Weight	747.69 g/mol	747.69 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	2410 °C	4370 °F	

Descriptive Properties	Value	Comments
Appearance	Brown	
Solubility	Insoluble in water, moderately soluble in strong mineral acids	
Stability	Slightly hygroscopic	

## Contact Songhan Plastic Technology Co.,Ltd.

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