

## American Elements Samarium Oxide Nanopowder

Category : Ceramic , Oxide

**Material Notes:**

General Description SM-MITE powders and dispersions are inorganic samarium-oxide nanoparticles. SM-MITE-A products are uncoated and hydrophilic. SM-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-Samarium-Oxide-Nanopowder.php](http://www.lookpolymers.com/polymer_American-Elements-Samarium-Oxide-Nanopowder.php)

Physical Properties	Metric	English	Comments
Density	7.60 g/cc	0.275 lb/in <sup>3</sup>	
Particle Size	0.010 - 0.20 µm	0.010 - 0.20 µm	
Molecular Weight	348.8 g/mol	348.8 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	2335 °C	4235 °F	

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China