

American Elements Erbium Oxide Nanopowder

Category : Ceramic , Oxide

Material Notes:

General Description ER-MITE powders and dispersions are inorganic erbium-oxide nanoparticles. ER-MITE-A products are uncoated and hydrophilic. ER-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-Erbium-Oxide-Nanopowder.php

Physical Properties	Metric	English	Comments
Density	8.64 g/cc	0.312 lb/in ³	
Molecular Weight	382.56 g/mol	382.56 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	2418 °C	4384 °F	

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

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