

American Elements C-MITE™ Cerium Oxide Nanopowder

Category: Ceramic, Oxide

Material Notes:

General DescriptionApplicationsC-MITE™ powders and dispersions recently developed are inorganic cerium-oxide nanoparticles with unique polishing and Ultra-Violet attenuating properties. C-MITE-A™ products are uncoated and hydrophilic. C-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-C-MITE-Cerium-Oxide-Nanopowder.php

Physical Properties	Metric	English	Comments
Density	7.65 g/cc	0.276 lb/in³	
Molecular Weight	172.12 g/mol	172.12 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	2400 °C	4350 °F	

Descriptive Properties	Value	Comments
Appearance	Brown to Yellow	
Solubility	Soluble in water and strong mineral acids	

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