

American Elements Praseodymium Oxide Nanoparticles

Category: Ceramic, Oxide

Material Notes:

General DescriptionPR-MITE powders and dispersions are inorganic praseodymium-oxide nanoparticles. PR-MITE-A products are uncoated and hydrophilic. PR-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-Praseodymium-Oxide-Nanoparticles.php

Physical Properties	Metric	English	Comments
Particle Size	0.010 - 0.20 μm	0.010 - 0.20 μm	
Molecular Weight	1021.43 g/mol	1021.43 g/mol	

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

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