

## NanoScale NanoActive® Cerium Oxide

Category : Ceramic , Oxide

### Material Notes:

NanoActive CeO<sub>2</sub> is produced using proprietary processes to obtain high specific surface area, aggregated dry powder that can be dispersed in various carrier fluids to significantly reduce the particle size. Applications: Applications include catalysts, enhancement of Near IR reflection, industrial coatings, polishing slurries, and reactive dopants. Information provided by NanoScaleComposition based on metal

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NanoScale-NanoActive-Cerium-Oxide.php](http://www.lookpolymers.com/polymer_NanoScale-NanoActive-Cerium-Oxide.php)

Physical Properties	Metric	English	Comments
Bulk Density	2.20 g/cc	0.0795 lb/in <sup>3</sup>	
Density	6.00 g/cc	0.217 lb/in <sup>3</sup>	
Loss On Ignition	<= 5.0 %	<= 5.0 %	
Particle Size	9.5 µm	9.5 µm	mean aggregate size
Specific Surface Area	>= 50 m <sup>2</sup> /g	>= 50 m <sup>2</sup> /g	BET
Pore Size	0.00700 microns	0.000276 mil	Average Diameter

Component Elements Properties	Metric	English	Comments
Cerium, Ce	>= 99.7 %	>= 99.7 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 3.0 %	<= 3.0 %	

Descriptive Properties	Value	Comments
Appearance / Color	Yellow Powder	
Crystallite Size	= 7 nm	
Minimum Total Pore Volume cc/g	0.1	

## 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