NanoScale NanoActive® Titanium Dioxide

Category : Ceramic , Oxide , Titanium Oxide

Material Notes:

NanoActive TiO2 is produced using proprietary processes to obtain high specific surface area (over 500 m²/g), high porosity, weakly aggregated, amorphous material possessing adsorption capacity and chemical reactivity.Applications: Applications include catalysts and catalyst supports, cosmetic and skin care market, destruction of chemical warfare agents, paints and coatings, protective apparel and personal protection equipment, smoke removal, structural ceramics, and UV protecting clear coats.Information provided by NanoScaleComposition based on metal

Order this product through the following link:
http://www.lookpolymers.com/polymer_NanoScale-NanoActive-Titanium-Dioxide.php

Physical Properties	Metric	English	Comments
Bulk Density	0.600 g/cc	0.0217 lb/in³	
Density	3.70 g/cc	0.134 lb/in³	
Loss On Ignition	<= 12 %	<= 12 %	
Particle Size	5.0 µm	5.0 µm	mean aggregate size
Specific Surface Area	>= 500 m²/g	>= 500 m²/g	BET
Pore Size	0.00320 microns	0.000126 mil	Average Diameter

Component Elements Properties	Metric	English	Comments
Titanium, Ti	>= 99.999 %	>= 99.999 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 4.0 %	<= 4.0 %	

Descriptive Properties	Value	Comments
Appearance / Color	White Powder	
Crystallite Size	Amorphous	
Minimum Total Pore Volume cc/g	0.4	

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