



KaMin LLC  
 822 Huber Road  
 Macon GA 31217  
 Main 478-750-5410  
 www.kaminsolutions.com

## Satintone® W/ Whitetex® Calcined Aluminum Silicate

### Product Description

Satintone W is a fine particle-size kaolin featuring high brightness. It has been dehydroxylated by controlled heat treatment to remove crystalline-bound hydroxyl groups and to improve brightness. Satintone W is highly pulverized for ease of dispersion.

### Application Information

Satintone W is widely used as an opacifying extender in flat architectural interior and exterior paints. It has a very good balance of optical and mechanical properties and provides abrasion resistance in traffic paints. Satintone W is a general-purpose grade used in a wide variety of polymeric systems. In these applications, it provides good resilience, low permanent-set and good electrical insulative properties. Typical applications include water-borne interior/ exterior flats, solvent-borne interior/ exterior flats, industrial safety coatings, rubbers (pharmaceutical, mechanical, sealants/ adhesives), TPV/ TPE/ TPO, TiO<sub>2</sub> extension, polyamides (6, 66, and blends), film anti-block, electrical capacitors, plastisol, electrical wire jacketing and EPR power cables.

| Physical Properties  | Typical Value            |
|--|--------------------------|
| Physical Form  | Highly Pulverized Powder |
| Special Modifications  | Dehydroxylated           |
| GE Brightness (%)  | 90                       |
| Screen Residue, 325 Mesh (%)                                 | 0.02                     |
| Free Moisture (%) measured at 105°C                          | 0.5                      |
| pH (20% solids)  | 6                        |
| Median Particle Size, Sedigraph (µm)                         | 1.4                      |
| Specific Gravity   | 2.63                     |
| Bulk Density, Loose lb/ft <sup>3</sup> (kg/m <sup>3</sup> )  | 20 / 320                 |
| Bulk Density, Tamped lb/ft <sup>3</sup> (kg/m <sup>3</sup> ) | 30 / 480                 |
| Oil Absorption, Rubout (ASTM D-281)                          | 58                       |
| Bulking Value, lb/gal (kg/liter)                             | 21.9 / 2.62              |

Revised April 2021 ©2022

KaMin® LLC, KaMin® and the KaMin® logo are registered trademarks of KaMin® LLC. The above data are representative data for this product and should not be perceived as specifications or maximum/minimum values. The information contained herein is believed to be accurate and reliable, but KaMin® MAKES NO WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. The information herein relates only to the specific product described and not to such product in combination with any other product. Providing information as herein contained is not to be regarded by implication or otherwise as conveying any rights or permission for use which would violate any patent rights or violate any law, safety code or insurance regulation. Natural mineral products are subject to the normal variations related to the deposits from which they are mined.

