



KaMin LLC  
 822 Huber Road  
 Macon GA 31217  
 Main 478-750-5410  
[www.kaminsolutions.com](http://www.kaminsolutions.com)

## Satintone® 5HB

### Calcined Aluminum Silicate

#### Product Description

Satintone 5HB is an ultra-fine particle size kaolin grade featuring very high brightness. Satintone 5HB has been dehydroxylated by controlled heat treatment to remove crystalline-bound hydroxyl groups and to improve brightness. Satintone 5HB is highly pulverized for ease of dispersion.

#### Application Information

Satintone 5HB is widely used as an extender in flat and satin paints as it provides a high degree of opacity and tint strength. Its high brightness results in whiter paints and bases that provide cleaner colors. Satintone 5HB provides excellent optical properties for TiO<sub>2</sub> extension in both rubber and plastic compounds. The fine particle size and low residue provide excellent dispersion and physical properties. Typical applications include water-borne and solvent-borne flat and satin interior paints, OEM electrodeposition coatings, polyester gel coats, flexo and screen-printing inks, polyamide or other polymer reinforcements, TPE/TPO, and TiO<sub>2</sub> extension in many other polymeric systems.

Physical Properties	Typical Value
Physical Form	Highly Pulverized Powder
Special Modifications	Dehydroxylated
GE Brightness (%)	91
Screen Residue, 325 Mesh (%)	0.01
Free Moisture (%) measured at 105°C	0.5
pH (20% solids)	6
Median Particle Size, Sedigraph (µm)	0.8
Specific Gravity	2.63
Bulk Density, Loose lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	13 / 210
Bulk Density, Tamped lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	20 / 320
Oil Absorption, Rubout (ASTM D-281)	85

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.

