



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

Satintone® SP-33

Calcined Aluminum Silicate

Product Description

Satintone SP-33 is a fine particle-size calcined kaolin grade with low brightness. It has been partially dehydroxylated by a controlled heat treatment for partial removal of crystalline bound hydroxyl groups. Satintone SP-33 is highly pulverized for ease of dispersion.

Application Information

Satintone SP-33 is a metakaolin that has been specially designed for use as an acid scavenger in medium and high voltage PVC wire insulation compounds. It can significantly improve the volume resistivity under both wet and dry conditions. Typical applications include medium and high voltage PVC wire and rubbers for running tracks.

Physical Properties	Typical Value
Physical Form	Highly Pulverized Powder
Special Modifications	Dehydroxylated
GE Brightness (%)	85
Screen Residue, 325 Mesh (%)	0.07
Free Moisture (%) measured at 105°C	0.5
pH (20% solids)	6
Median Particle Size, Sedigraph (µm)	1.3
Specific Gravity	2.5
Bulk Density, Loose lb/ft ³ (kg/m ³)	16 / 260
Bulk Density, Tamped lb/ft ³ (kg/m ³)	30 / 480
Oil Absorption, Rubout (ASTM D-281)	55

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.