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# 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

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