

Saint-Gobain Coating Solutions

Technical Bulletin

Saint-Gobain #103, #106, #107 Alumina Titania

Size Control

#103 Grain code 938645-75mic controlled by sieves and Sedigraph
#106 Grain code 938615-45mic controlled by Microtrac
#107 Grain code 93885-30mic controlled by sieves and Coulter

Typical Chemical Compositions (%)

Al ₂ O ₃	85.0 Min
TiO ₂	15.0 Max
Other Oxides	<1.0

Powder Characteristics

Saint-Gobain Alumina Titania is a blocky shaped fused alumina titania powder having a bluish color. It produces a coating that is dense and hard and it resists wear due to abrasion, fretting, cavitation and particle erosion. Saint-Gobain Alumina Titania resists corrosion by most acids and caustics.

Typical Applications

Saint-Gobain Alumina Titania is used for coating machinery components in the chemical and textile industries where very dense and smooth deposits with high friction resistance are required. These would include thread guides, guide bars, feed separators, shafts, waves and pumps.

Ceramic Materials

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