



Technical Information

TruTint 80 Antimony Trioxide

TruTint 80 is an antimony trioxide grade that has been specifically designed to give formulators greater control over the tint properties of their formulations.

Antimony Trioxide
CAS Reg. Number [1309-64-4]



Typical Properties	
Specific Gravity	5.5
Tinting Strength, %	75 – 85
Particle Size, avg.	1.6 microns
% Through 325 mesh	99.995

Typical Composition	
Antimony Trioxide	99.3%
Arsenic	0.3%
Lead	0.2%
Iron	0.005%
Nickle	0.005%
Copper	0.005%
Moisture, %	0.1%
Acidity (H ₂ SO ₄)	0.15%

Trutint 80 is designed for use in polymer systems where color strength is important or opacity needs to be controlled. This is especially important in plasticized PVC, film and sheeting, automotive applications, upholstery and wall coverings. **Trutint 80** imparts flame retardancy equivalent to other TMS grades of antimony trioxide. The low surface area of **Trutint 80** provides excellent performance in viscosity sensitive applications.

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 6 to 12 months from the date of receipt. For additional handling and toxicological information, consult the GLCC Material Safety Data Sheet.

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