



Mia 67 Alumina Trihydrate

Description

Mia 67 Alumina Trihydrate is a medium particle size ATH product that provides low cost flame retardancy and smoke suppression in a variety of applications. The unique particle size is specifically designed for low viscosities, high filler loading levels, and excellent processing characteristics. Mia 67 is recommended for spray-up or hand lay-up FRP applications, filament winding, panel production, resin injections, SMC/BMC, foam materials, and cast polyester and epoxy parts.

Typcial Analysis

Al(OH) ₃ , %	99.6
SiO ₂ , %	0.005
Fe ₂ O ₃ , %	0.007
Na ₂ O ₃ (total), %	0.2
Soluble Soda, %	0.025
Loss on ignition (550°C), %	34.6
Free Moisture (105°C), %	0.16

Typcial Properties

Screen Analysis	
% on 100 mesh	0
% on 200 mesh	0
% on 325 mesh	11
% through 325 mesh	89
% on less than 10 microns	32
Median Particle Diameter, microns	15.5
Surface Area, (m ² /gm)*	1.3
Specific Gravity (gm/cm ³)	2.42
Bulk Density, loose (gm/cm ³)	0.75
Bulk Density, packed (gm/cm ³)	1.36
Oil Absorption **	23
TAPPI Brightness ***	87

*As measured with Quantachrome monosorb surface analyzer (BET)

**Oil absorption, ml, boiled linseed oil per 100 gm filler

***TAPPI Brightness measured with the Hunterlab Colorimeter

Ordering Information

SKU	Description	UM
406372	Mia 67 Alumina Trihydrate Quart	Each
406374	Mia 67 Alumina Trihydrate 2 Quart	Each
406376	Mia 67 Alumina Trihydrate Gallon	Each

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

