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Onyx Elite® 95 ALUMINUM HYDROXIDE (ATH)

DESCRIPTION

Onyx Elite® 95 is a color controlled high purity and low surface area flame retardant and smoke suppressant. This extremely translucent product is specifically designed to give a unique depth of pattern. The processing and physical properties of Onyx Elite 95 are exceptional, providing high loading and excellent air release.

TYPICAL CHEMICAL ANALYSIS

Al(OH) ₃ , %	99.6
SiO ₂ , %	0.001
Fe ₂ O ₃ , %	0.008
Na ₂ O (total), %	0.1
Na ₂ O (soluble), %	0.02
Loss on ignition (1000°C), %	34.6
Free Moisture (105°C), %	0.1

TYPICAL PHYSICAL PROPERTIES

Screen Analysis	
% on 325 mesh	75
% through 325 mesh	25
Median Particle Diameter, microns	65
Surface Area (m ² /gm)*	0.3
Specific Gravity (gm/cm ³)	2.42
Bulk Density - packed (gm/cm ³)	1.5
Bulk Density-loose (gm/cm ³)	1.13
Color - L*	85

* Measured via Datacolor SF Plus, wet method

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