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Onyx Elite® 150 ALUMINA TRIHYDRATE

DESCRIPTION

Onyx Elite® 150 is an exceptionally white, exceptionally translucent alumina trihydrate designed for use in solid surface and cultured onyx applications. Onyx Elite 150 also features a closely controlled particle size distribution which provides low resin demand, consistent filled viscosities and excellent air release.

In addition to its unique physical properties Onyx Elite 150 also will provide flame retardance and smoke suppression properties when used at appropriate loading levels.

TYPICAL CHEMICAL ANALYSIS

Al(OH) ₃ , %	99.6
SiO ₂ , %	0.008
Fe ₂ O ₃ , %	0.004
Na ₂ O (total), %	0.2
Na ₂ O (soluble), %	0.01
Loss on ignition (550°C), %	34.6
Free Moisture (105°C), %	0.06

TYPICAL PHYSICAL PROPERTIES

Screen Analysis	
% on 100 mesh	<5
% on 200 mesh	20
% on 325 mesh	60
Median Particle Diameter, microns	51
% Less than 10 microns	11.4
Surface Area (m ² /gm)	0.5
Bulk Density – packed (gm/cm ³)	1.6
Color – L*	87

* Measured with a Spectroflash by Datacolor

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