

Hymod[®] M932 SP

Aluminum Hydroxide (ATH)

DESCRIPTION

Huber Engineered Materials' Hymod[®] M932 SP is a high surface area vinyl silane treated ATH product with a very precise, ultrafine particle size distribution specifically designed for low viscosity, high loading, and excellent processing characteristics. This product provides functional reinforcement, flame retardancy and smoke suppression in a variety of applications, such as acrylic, EPDM, EVA, SBR, polyester and polyolefin compounds.

TYPICAL CHEMICAL ANALYSIS

Al(OH) ₃ , %	99.6
SiO ₂ , %	0.005
Fe ₂ O ₃ , %	0.007
Na ₂ O (total), %	0.3
Na ₂ O (soluble), %	0.12
Loss on ignition (1000°C), %	34.6

TYPICAL PHYSICAL PROPERTIES

% through 325 mesh	99.99
Median Particle Diameter, microns	2.0
Surface Area, m ² /gm	12.0
Specific Gravity (gm/cm ³)	2.42
Bulk Density, loose (gm/cm ³)	0.35
Bulk Density, packed (gm/cm ³)	0.76