

Hymod[®] SB432 SP

Aluminum Hydroxide (ATH)

DESCRIPTION

Huber Engineered Materials' Hymod[®] SB432 SP is a medium particle size, surface treated ATH product that provides functional reinforcement, flame retardancy and smoke suppression in a variety of applications, such as acrylic, EPDM, EVA, SBR, polyester and polyolefin compounds. The unique particle size distribution is specifically designed for low viscosity, high loading, and excellent processing characteristics.

TYPICAL ANALYSIS

Al(OH) ₃ , %	99.6
SiO ₂ , %	0.005
Fe ₂ O ₃ , %	0.007
Na ₂ O (total), %	0.2
Na ₂ O (soluble), %	0.03

TYPICAL PROPERTIES

Screen Analysis	
% on 325 mesh	0.2
% through 325 mesh	99.8
% @ 10 microns	54.7
Loss on ignition (1000°C), %	34.6
Median Particle Diameter, microns**	9
BET Surface Area, (m ² /g)*	2.1
Specific Gravity (gm/cm ³)	2.42
Bulk Density, loose (gm/cm ³)	0.65
Bulk Density, packed (gm/cm ³)	1.18
TAPPI Brightness*	89

* TAPPI Brightness measured with the Hunterlab Colorimeter

** By Sedigraph