

Hymod[®] SB36 SG

Aluminum Hydroxide (ATH)

DESCRIPTION

Huber Engineered Materials' Hymod SB36 SG is a coarse, mechanically ground, surface treated ATH product that provides hydrophobicity, flame retardancy and smoke suppression in a variety of applications, such as acrylic, EPDM, EVA, SBR, polyester and polyolefin compounds. The surface modification enables this product to have low moisture and to be easily and uniformly dispersed into polymers at high loading levels without causing processing rheology concerns.

TYPICAL CHEMICAL ANALYSIS

Al(OH) ₃ , %	99.6
SiO ₂ , %	0.007
Fe ₂ O ₃ , %	0.007
Na ₂ O (total), %	0.24
Na ₂ O (soluble), %	0.018

TYPICAL PHYSICAL PROPERTIES

Screen Analysis	
% on 325 mesh	32.5
% through 325 mesh	67.5
% less than 10 microns	22
Median Particle Diameter, microns	25.5
Loss on ignition, (1000°C), %	34.6
BET Surface Area (m ² /g)*	1.0
Specific Gravity (g/cm ³)	2.42
Bulk Density - packed (g/cm ³)	1.5