

# OPTILOAD<sup>®</sup> LV-110

## Alumina Trihydrate

### Technical Data Sheet

Specially designed low viscosity alumina trihydrate for extreme high loading levels in SMC and other applications where optimum flame retardant and smoke suppressant properties are required.

## LV-110

### CHEMICAL ANALYSIS (TYPICAL)

Al(OH) <sub>3</sub> content, %	> 99.0
Na <sub>2</sub> O (soluble), %	0.01
SiO <sub>2</sub> , %	0.008
Fe <sub>2</sub> O <sub>3</sub> , %	0.01
Moisture Content (105° C), %	< 0.25
Loss on Ignition (LOI @ 1200° C), %	34.5

### PHYSICAL ANALYSIS (TYPICAL)

Sieve Residue >45 µm (+325 mesh), %	≤ 40.0
Top Cut, (µm)	110
Bulk Density, Pour (g/cm <sup>3</sup> )	0.78
Bulk Density, Tap (g/cm <sup>3</sup> )	1.44
Brightness, L *	96
Specific Gravity, g/cm <sup>3</sup>	2.42
Oil Absorption, mL/100g	13