

## OPTILOAD<sup>®</sup> LV-410 XP

### Alumina Trihydrate

### Technical Data Sheet

Low viscosity alumina trihydrate flame retardant/smoke suppressant additive designed for optimum performance in synthetic resin composite applications.

#### LV-410 XP

##### CHEMICAL ANALYSIS (TYPICAL)

Al(OH) <sub>3</sub> content, %	> 99.0
Na <sub>2</sub> O (total), %	0.30
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°), %	34.5

##### PHYSICAL ANALYSIS (TYPICAL)

Particle Size (laser, Sympatec) - d <sub>50</sub> , (µm)	5.5
Sieve Residue >45 µm (+325 mesh), %	≤ 0.01
Brightness, L *	96
Specific Gravity, g/cm <sup>3</sup>	2.42
Oil Absorption, mL/100g	24