

OPTILOAD[®]LV-21

Alumina Trihydrate

Technical Data Sheet

Specially designed low viscosity alumina trihydrate for high loading where optimum flame retardant and smoke suppressant properties are required.

LV-21

CHEMICAL ANALYSIS (TYPICAL)

Al(OH) ₃ content, %	> 99.0
Na ₂ O (total), %	0.30
SiO ₂ , %	0.008
Fe ₂ O ₃ , %	0.01
Moisture Content (105° C), %	0.25
Loss on Ignition (LOI) (1200°), %	34.5

PHYSICAL ANALYSIS (TYPICAL)

Particle Size (laser, Sympatec) - d ₅₀ , (µm)	8
Sieve Residue >45 µm (+325 mesh), %	≤ 45
Brightness, L *	96
Specific Gravity, g/cm ³	2.42
Oil Absorption, mL/100g	11