

ALUPREM[®] LV-75R

Specialty Aluminum Hydroxide

Description

Specially designed, extremely low viscosity aluminum hydroxide for high ATH loading where optimum flame retardant and smoke suppressant properties are required.

LV-75R

CHEMICAL ANALYSIS (Typical)

AL (OH) ₃ content, %		> 99.6
Na ₂ O	Max, %	0.35
	, %	0.20
SiO ₂ , %		0.02
Fe ₂ O ₃ , %		0.01
Moisture Content (105° C)	Max, %	0.3
	, %	< 0.1
Loss on Ignition (LOI) (1200°), %		34.5

PHYSICAL ANALYSIS (Typical)

Sieve Residue > 45µm (+325 mesh), %		1 – 2
Specific Density, (g/cm ³)		2.4
Bulk Density, (kg/m ³)		1000
Particle Size (laser, Sympatec) - d ₁₀ , (µm)		1
Particle Size (laser, Sympatec) – d ₅₀ , (µm)		8 – 12
Particle Size (laser, Sympatec) – d ₉₀ , (µm)		25 – 35
Oil Absorption, mL/100g		16 – 19

The information herein is believed to be correct and reliable; however, no warranty is given concerning the accuracy of these data, merchantability or fitness for a particular use.

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