

ALUPREM® LV-25-HT /MES Specialty Aluminum Hydroxide

Description

Fine, dispersible, surface treated, synthetic ATH with exceptional low viscosity, MFI and Mooney viscosity for duroplasts and thermoplastics.

LV-25-HT /MES

CHEMICAL ANALYSIS (Typical)

AL (OH) ₃ content, %		> 99.0
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
	, %	< 0.2
Loss on Ignition (LOI) (1200°), %		34.5

PHYSICAL ANALYSIS (Typical)

Sieve Residue > 45µm (+325 mesh), %		0 – 0.05
Specific Density, (g/cm ³)		2.4
Bulk Density, (kg/m ³)		900
Particle Size (laser, Sympatec) - d ₁₀ , (µm)		1
Particle Size (laser, Sympatec) – d ₅₀ , (µm)		2 - 3
Particle Size (laser, Sympatec) – d ₉₀ , (µm)		10 - 12
Oil Absorption, mL/100g		18 - 20
Specific Surface , (m ² /g)		2 - 3
Conductivity, (µS/cm ²)		< 65
Whiteness	R 457	> 94

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.