



Alumina Hydrate NF

Alumina Hydrate NF is a fine white powder, not flammable, free of odours and taste and is harmless to man, animal and plant.

APPEARANCE

White Powder

SPECIFICATION

Loss on drying	18.0	% maximum
Bulk density (loose)	0.16 – 0.24	g/cm ³
Bulk density (packed)	0.18 – 0.35	g/cm ³
pH value (10% suspension)	5.0 - 6.0	
Average particle size – d ₅₀ Mastersizer	10.0	microns maximum
Lead + Chromium VI + Mercury + Cadmium	100	ppm maximum

TYPICAL PROPERTIES

Alumina	Al ₂ O ₃	42.0	%
Ferric oxide	Fe ₂ O ₃	0.05	%
Sulphate	SO ₄	16.0	%
Soda	Na ₂ O	< 1.0	%
Silica	SiO ₂	0.2	%
Surface area (BET)		50	m ² /g
Transparency*		25 – 40	%

* measured in oil of refractive index n²⁰ = 1.49

The data given on this sheet is based on test results believed to be representative of the product and should not be interpreted as a binding specification.

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