

ALUMINA HYDRATE AH13

Description: A high purity alumina trihydrate typically used as a flame retardant and smoke suppressant filler for plastics. Produced at Adelaide, South Australia.

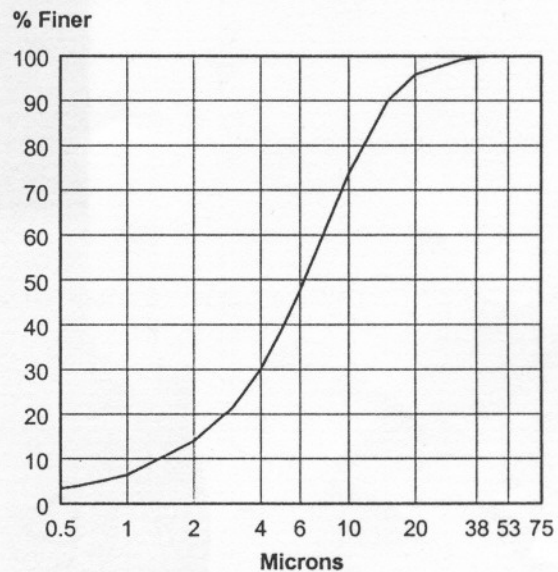
Specification:	Sizing	0.2% maximum + 38 microns
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(Note: This product is manufactured to the requirements of the process specification above. Typical properties are a consequence of the process, nature of raw material, and are measured at a lower frequency than the specified properties. These results are an average of historical data.)

Typical Chemical & Physical Properties:

Alumina	Al ₂ O ₃	65.0%
Alumina Trihydrate (Calculated)	Al ₂ O ₃ .3H ₂ O	99.5%
Silica	SiO ₂	0.1%
Ferric Oxide	Fe ₂ O ₃	<0.01%
Soda	Na ₂ O	0.3%
Loss on Ignition	(1000°C)	33.7%
Oil Absorption	(mls/100g)	22
Bulk Density, Compacted	(g/cm ³)	1.1
Surface Area	(cm ² /g)	6,100
Specific Gravity		2.44
pH		9.0

Particle Size Distribution by Sedimentation:



TEST METHODS:

Particle Size	CML 2.17	Sedigraph 5100	pH	CML 2.11	
Sizing	CML 2.5(B)		Specific Gravity	CML 2.13	Multipycnometer
Surface Area	CML 2.8(A)	Rigden Air Permeameter	Chemical Analysis	SGS XRF-4 & D3(A)	
Oil Absorption	CML 2.9(A)		Loss on Ignition	SGS GRAV	
Bulk Density	CML 2.10(A)				

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 Authorised By: *[Signature]*



COMMERCIAL MINERALS LIMITED
 A.C.N. 000 971 844

A Wholly Owned Normandy Company

PRINCIPAL & REG'D OFFICE: Level 6, 80 George Street, Parramatta, Sydney NSW 2150 Australia Ph: +61 2 9354 2929 Fax +61 2 9891 2074

SALES OFFICES

AUSTRALIA	Sydney : +61 2 9637 7066	Brisbane : +61 7 3275 2499	NEW ZEALAND	Auckland : +64 9 444 4521
	Adelaide : +61 8 8240 8200	Melbourne : +61 3 9650 1911		Christchurch : +64 3 366 9395
	Newcastle : +61 2 4967 1222	Perth : +61 8 9362 1411		Kuala Lumpur : +60 3 719 9822
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