	ALUMINIUM STEARATE				MLA GROUP
	M.L.A. INDUSTRIES, 111/230, HARSH NAGAR, KANPUR Tel. : (0512)-2555292, Fax No. : 0512-2545548 E-mail: sales@mlagroup.com , mktg@mlagroup.com				
UNIFLOW	Doc. No.:MLA/SPECS/58B	Issue No.: 01	Issue Date:10.3.2013	Replaces:issue 1 dt 1.4.10	

ALUMINIUM STEARATE

UNIFLOW- HIGEL is a precipitated Aluminium Stearate manufactured by a novel precipitation process developed by our R & D department having tremendous experience in precipitation and particle size/morphology control technology. The output is a unique combination of gelling strength with high alumina contents, and fine particle size resulting in better dispersion in any medium. The product is technically far better than the currently available products, besides the assurance of consistent quality from an ISO 9001:2008 certified unit.

TYPICAL PHYSIO-CHEMICAL PROPERTIES


PROPERTY	UNIT	High Alumina
Colour & Appearance	-	White Free Flowing Powder
Bulk Density ^{1,3} – Loose – Compact*	gm/cc	0.25
		0.35
Moisture (105 °C) ²	%	<1.5
Electrolytes	%	<2.0
Residue on 300 mesh ⁵	%	<1.0
Melting Point	°C	155±5
Alumina	%	16.0-18.0
Ash content	%	24 - 28
Free fatty matter	% max	5.0
pH ⁴	--	4.5-6.0

1) At the time of packing 2) By IR Moisture Balance 3) IS: 7589-1974 (A-8) 4) IS: 12076-1986(A-2) 5) IS: 2850-1983 (A-5.1)

This information and our technical advice-whether verbal, in writing or by way of trials are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sales and Delivery.

APPLICATION:

- As a waterproofing agent in canvas coating and cement paints
- As an anti-settling agent in paints
- As a thickener in greases

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ALUMINIUM STEARATE

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TYPICAL PHYSIO-CHEMICAL PROPERTIES

PROPERTY	UNIT	SUPER
Colour & Appearance	-	White Free Flowing Powder
Bulk Density ^{1,3} – Loose – Compact*	gm/cc	0.25
		0.35
Moisture (105 °C) ²	%	<1.5
Electrolytes	%	<2.0
Residue on 300 mesh ⁵	%	<1.0
Melting Point	°C	155±5
Gel Quality	--	Transparent
Alumina	%	11.5 – 12.5
Ash content	%	12.0 -13.0
Free fatty matter	% max	5.0
pH ⁴	--	4.5-6.0

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