	MAGNESIUM STEARATE-PRM			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/70	Issue No.: 02	Issue Date: 10.10.2013	Replaces: NIL

MAGNESIUM STEARATE-PRM

UNIFLOW is a synthetic Magnesium Stearate manufactured by a novel proprietary process developed by our R & D department having tremendous experience in precipitation and particle size/morphology control technology, and recognized by the Department of Scientific and Industrial Research, Government of India. The output is a unique combination of fineness and thermal stability in the product and better dispersion in the base polymer. The product is technically far better than the currently available products, besides the assurance of consistent quality from an ISO 9001:2000 certified unit.

TYPICAL PHYSIO-CHEMICAL PROPERTIES


PROPERTY	UNIT	UNIFLOW-MS-PRM
Colour & Appearance	-	White Free Flowing Powder
Bulk Density ^{1,3} – Loose – Compact*	gm/cc	0.25
		0.32
Moisture (105 °C) ²	%	<4.0
Electrolytes	%	<1.0
Residue on 200 mesh ⁵	%	<0.2
Melting Point	°C	130±10
Softening Point	°C	95-105
Melt Quality	--	transparent
Mg content	%	4.0-5.0
Fe content	Ppm max	80
Heavy metals as Pb	Ppm max	20
Free fatty matter	%	<1.0
Nickel	Ppm max	5

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 an acid scavenger in polymers processing

- As an internal lubricant in polymers processing
- As a water repellent
- As a pharmaceutical ingredient for tablet coating

 UNIFLOW	MAGNESIUM STEARATE-TCH			MLA <hr/> GROUP
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TYPICAL PHYSIO-CHEMICAL PROPERTIES

PROPERTY	UNIT	UNIFLOW-MS-TCH
Colour & Appearance	-	White Free Flowing Powder
Bulk Density ^{1,3} – Loose – Compact*	gm/cc	0.25
		0.32
Moisture (105 °C) ²	%	<4.0
Electrolytes	%	<1.0
Residue on 200 mesh ⁵	%	<0.2
Melting Point	°C	130±10
Softening Point	°C	95-105
Melt Quality	--	transparent
Mg content	%	4.0-5.0
Free fatty matter	%	<1.0

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APPLICATIONS

- As an acid scavenger in polymers processing
- As an internal lubricant in polymers processing
- As a water repellent
- As a pharmaceutical ingredient