

	<b>ZINC STEARATES</b>			<b>MLA</b> <b>GROUP</b>
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## PURE & LIGHT ZINC STEARATE

**UNIFLOW** is a Zinc Stearate manufactured by a novel 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 lightness and melt transparency/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 certified manufacturing unit.

## TYPICAL PHYSIOCHEMICAL PROPERTIES

<b>PROPERTY</b>	<b>UNIT</b>	<b>UNIFLOW (DLI)</b>
Bulk Density <sup>1,3</sup>	gm/cc	0.20-0.25
Electrolytes	%	<0.2
Moisture (105°C) <sup>2</sup>	%	<1.0
pH (2% acq. solution) <sup>4</sup>	--	5.5 -6.5
Ash Content	%	13.5-14.5
ZnO Equivalent	%	13.0-14.0
Melting Point	°C	118-121
Melt Quality	--	Clear & Transparent
Colour	--	White
Free Fatty Matter	%	<0.5
Residue on 300 mesh <sup>5</sup>	%	<0.1

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)

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### APPLICATIONS:

- Rubber & EVA sheets as an internal lubricant and for dusting.
- For coating on chemicals etc. for free-flow and moisture resistance.
- For PVC, HDPE and other polymers/plastics.
- Speciality polymer composites