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CALCIUM STEARATE

UNIFLOW is a Calcium-Stearate manufactured by a novel semi-wet process developed by our in-house 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 9001:2000 certified unit.

TYPICAL PHYSIO-CHEMICAL PROPERTIES

PROPERTY	UNIT	DLI-Petro
Colour & Appearance	-	White Free Flowing Powder
Bulk Density ^{1,3} – Loose – Compact*	gm/cc	0.15
		0.22
Moisture (105°C) ²	%	<3.0

Electrolytes	%	<0.4
Residue on 300 mesh ⁵	%	<0.2
Melting Point	°C	155±5
Melt Quality	--	Clear & Transparent
CaO	%	9-9.5
Ash content	%	9.2-9.8
Free fatty matter	%	<0.5
pH ⁴	--	8.0-10.5

1.At the Time of Picking

2.By IR Moisture Balance

3.IS.7589-1974 (A-8)

4.IS :12076-1986 (A-2)

5.IS:2850-1983 (A-51)

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APPLICATION:

- As an acid scavenger in polymers processing
- As an internal lubricant in PVC and other polymers processing
- As a water repellant in paints and other coatings