
	<b>BARIUM STEARATE</b>				
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## BARIUM STEARATE

**UNIFLOW** is a synthetic Barium 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-BS
Colour & Appearance	-	White Free Flowing Powder
Bulk Density <sup>1,3</sup> – Loose – Compact*	gm/cc	0.25
		0.32
Moisture (105°C) <sup>2</sup>	%	<2.0
Electrolytes	%	<1.0
Residue on 300 mesh <sup>5</sup>	%	<0.2
Melting Point	°C	165±10
Softening Point	°C	120-130
Melt Quality	--	transparent
Ash content	%	26-28
Free fatty matter	%	<1.0

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)

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### APPLICATIONS:

- As a stabilizer for PVC and other polymers
- As an internal lubricant in polymer processing
- As an ingredient for complex metal salt stabilizers for plasticized PVC