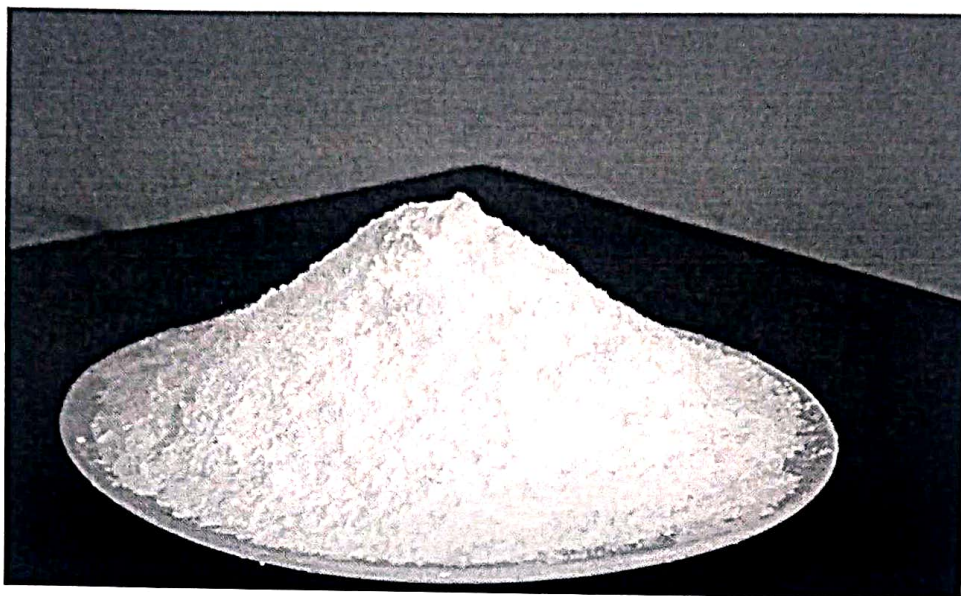


TECHNICAL DATA SHEET

Barium Sulphate



Other trade name	➤ Barium Sulphate Precipitated, Blanc Fixe
Appearance	➤ White Powder
Molecular Formula	➤ $BaSO_4$
Molecular Weight	➤ 233.33
CAS No.	➤ 7727-43-7
Character tics	<ul style="list-style-type: none"> ➤ This is Inorganic chemical and produced using Barites as a raw material source for Barium ➤ Precipitate powder and Insoluble in water. ➤ It is generally considered non-hazardous in terms of being Non-flammable, stable up to a temperature of $1300^{\circ}C$ and after that it will decompose.
Production Process	<ul style="list-style-type: none"> ➤ Barites powder and Pet coke are mixed in rotary Kiln, to get Barium Sulphide. ➤ The Barium Sulphide dissolved in water is reacted with Sodium Sulphate in closed reactors. ➤ The Barium Sulphate slurry is filtered, dried and pulverised to get Barium Barium Sulphate powder ➤ This is packed in bags for dispatch to customers.
Application Uses	➤ Industrial Paints,Coatings,,Powder Coating, Pigment Paste/Pigment Preparation, Lead Acid Batteries,Paper,Printing Inks,Pharma,Rubber,Adhesives and Plastics/Master batch
Packing Size Available	➤ 25 Kg HDPE bags, 25 kg Paper bags,25 kg BOPP bags & 1000 Kg Jumbo bags

Regd. Office : Plo No. C-23, Road No.8, Film Nagar, Jubilee Hills, Hyderabad - 500 096.

Tel: +91-040-23327723, 23559375 **Fax:** 23314158, **CIN:** U24120TG2001PTC036807, **GST No.:** 37AAGCS0968L1ZT

Works: Survey No. 27/1A, Urandur (Village), Maddiledu (Post), Sri Kalahasthi (Mandal), Chittoor Dist. - 517 641. A.P., INDIA

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TYPICAL SPECIFICATION FOR THE PRODUCT

Product: Barium Sulphate Precipitated (Blanc Fixe)

Description/Property	Unit	Ultra	Radiant	Testing method
Delivery Form		White Powder	White Powder	
Molecular Weight		233.33	233.33	
Chemical Formula		BaSO₄	BaSO₄	
EINECS		231-784-4	231-784-4	
CAS-No		7727-43-7	7727-43-7	
REACH No		01-2119491274-35-0040	01-2119491274-35-0040	
Average Particle Size D50	µm	≤ 1.2	≤ 0.7	Malvern (Wet)
Tapped Density	Kg/L	1 ± 0.2	1 ± 0.2	
BaSO₄ Content	%	≥ 99.0	≥ 99.0	DIN EN ISO 3262-3
Degree of Lightness	L*	≥ 99.0	≥ 99.0	Spectrophotometer
Oil Absorption Index	g/100g	12 -17	12 -17	ASTMD1483
pH Value	pH Units	8 ± 1	8 ± 1	
Soluble Salts in Water	%	≤ 0.10	≤ 0.10	
Sieve Residue > 45µm	%	≤ 0.05	≤ 0.05	

Place: Srikalahasthi

Date: 13th November 2024, Rev: 01.

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