

BS-144	Technical Datasheet
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Chemical Name	BARIUM SULPHATE / BARIUM SULFATE
Grade Name	BS-144
CAS No.	7727-43-7
HS Code	28332700
EINECS No.	231-784-4
Molecular Formula	BaSO ₄
Synonyms	<ul style="list-style-type: none"> • BARYTE (ORE) • BLANC FIXE • BARIUM SULFATE

TEST	SPECIFICATION	METHOD
Appearance	White Powder	Visual
Purity by Titration (on dry basis) %	Min 98	Titration
Volatiles %	Max 0.3	Thermogravimetry
Water Solubility %	Max 0.3	Visual
% Iron	Max 0.004	AAS
Whiteness %	Min 94	Colorimeter/Spectrophotometer/Whiteness meter
Oil Absorption (g/100g)	10-30	Spatula Rub-Out
pH (1% Solution)	6.5-9.0	pH Meter
Particle Size D50 Microns	Max 1	Particle Size Analyzer (Wet Method)
Particle Size D97 Microns	Max 3 micron	Particle Size Analyzer (Wet Method)

Product Information:

- Barium Sulfate is used as filler for paint, printing ink, rubber, plastic.
- Barium Sulfate is used as sizing agent in textiles.
- Barium Sulfate is used in adhesives and sealants
- Barium Sulfate is used as an inorganic filler in the production of paper and paperboard
- Barium Sulfate is used in high-quality printing inks
- Barium Sulfate is used in paint and coatings
- Barium Sulfate is used in rubber manufacturing

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration:BS 144 is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 175 - Indirect Food Additives: Adhesives And Components Of Coatings

Subpart: B - Substances For Use Only As Components Of Adhesives

Product Registration:BS 144 is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs
Chapter: I - Food And Drug Administration Department Of Health And Human Services
Subchapter: B - Food For Human Consumption (Continued)
Part: 176 - Indirect Food Additives: Paper And Paperboard Components
Subpart: B - Substances For Use Only As Components Of Paper And Paperboard
Section: 176.170 - Components Of Paper And Paperboard In Contact With Aqueous And Fatty Foods

Product Registration:BS 144 is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs
Chapter: I - Food And Drug Administration Department Of Health And Human Services
Subchapter: B - Food For Human Consumption (Continued)
Part: 177 - Indirect Food Additives: Polymers
Subpart: C - Substances For Use Only As Components Of Articles Intended For Repeated Use
Section: 177.2600 - Rubber Articles Intended For Repeated Use

Product Registration:BS 144 is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs
Chapter: I - Food And Drug Administration Department Of Health And Human Services
Subchapter: B - Food For Human Consumption (Continued)
Part: 178 - Indirect Food Additives: Adjuvants, Production Aid And Sanitizers
Subpart: D - Certain Adjuvants And Production Aids
Section: 178.3297 - Colourants For Polymers

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.