

NS-142

Technical Datasheet

Chemical Name	SODIUM SULPHATE (ANHYDROUS)	
Grade Name	NS-142	
CAS No.	7757-82-6	
HS Code	28331100	
EINECS No.	231-820-9	
Molecular Formula	Na ₂ SO ₄	
Synonyms	<ul style="list-style-type: none"> • Sodium sulphate (Anhydrous) • Disodium sulfate • Sulfate of sodium 	
TEST	SPECIFICATION	METHOD
Appearance	White fine granules	Visual
Brightness ISO (%)	Min 87%	Spectrophotometer / Colorimeter
pH (1% Solution)	5.0-9.0	pH Meter
Moisture %	Max 0.1%	Oven drying at 105 Deg (3-12) hours.
Bulk Density - Tapped @25°C (gm/ cm3)	1.3-1.5 (gm /cm3)	Graduated Cylinder
Purity as Na ₂ SO ₄	Min 99%	Titration
Water insoluble matter	Max 0.05%	Thermogravimetry
% Chloride	Max 0.10%	Titration
Alkalinity as Na ₂ CO ₃	Max 0.10%	Titration
% Iron	Max 15 ppm	AAS
Particle Size D50 Microns	Max 5 Microns	Particle Size Analyzer (Wet Method)
Particle Size D99 Microns	Max 20 Microns	Particle Size Analyzer (Wet Method)

Product Information:

- NS-142 Increase the transparency of product and improves the surface gloss of products.
- NS-142 filled masterbatch is widely used in disposable tableware (dishes, glasses, fork, knives, cups, lunch-box) as well as pipes, sheets and laminated products manufactured by injection molding, extrusion molding, and blown film molding.
- NS-142 can be used for almost all HDPE Films, LDPE Films ,PP Sheet/Boards And Injection molding products.
- NS-142 filler masterbatch containing upto 70% sodium sulfate powder.
- NS-142 filled masterbatch reduce cost of finished product while retaining transparency and the plastic performance.
- NS-142 is is tasteless and odorless white crystalline solid powder listed as GRAS by US FDA.

Product Handling & safety:

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

Product Registration: Anhydrous Sodium Sulphate is approved for use in food contact application as per the following chapter headings.

Title:

Chapter: CHAPTER I-FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES

Subchapter: B - FOOD FOR HUMAN CONSUMPTION (CONTINUED)

Part: 186 -INDIRECT FOOD SUBSTANCES AFFIRMED AS GENERALLY RECOGNIZED AS SAFE

Subpart: B - Listing of Specific Substances Affirmed as GRAS

Section: 186.1797 Sodium sulfate.

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.