



TIGER INDUSTRIES LIMITED
WWW.TIGERIND.COM

"Innovation, Excellence, Performance"

Specifications



INDUSTRIAL GRADE 99.5% SULPHUR PURITY

PRODUCT DESCRIPTION

Tiger Industrial Grade Elemental Sulphur is designed to provide industrial sulphur users with a very pure form of sulphur featuring excellent handling characteristics. The material is formed from pure molten Sulphur using a drop forming process that results in a compacted granular product known as a "pastille" — a split pea shape with rounded edges that minimize dust creation. This manufacturing process allows Tiger to deliver a quality material that surpasses the requirements of even the most stringent standards in industries such as steel making, pulp and paper, malting, fruit processing, mining, and other industries requiring sulphur. This product is very easy to handle with an extremely low dust content (< 0.5% fines at manufacturing), allowing for maximum safety during industrial handling processes.

PRODUCT SIZING

Canada : 25 kg bag* (42 per pallet), 1000 kg Mini Bulk bags, Bulk Truck Load, Rail Bulk.
U.S.: 50 lb bag* (42 per pallet), 2000 lbs Mini Bulk Bags, Bulk Truck Load, Rail Bulk.

** Bags available in Plastic or Paper Bags.*

GUARANTEED ANALYSIS:

Sulphur (S).....99.50%
Deriver from Elemental Sulphur.

SPECIFICATIONS

PHYSICAL PROPERTIES:

Product Sizing :	270 SGN , Mesh -6 / +8
Angle of Repose	29 degrees
Breakage Tests (% Fines Produced):	<0.5%
Impact (SLI):	0.57%
Abrasion (SLII)	1.43%
Bulk Density (Packed)	72 lbs/cubic ft. or 1152 kg/ cubic metre
Melting Point:	118 - 120 deg. Celcius (245 - 248 deg. Farenheit)
Moisture Content:	<0.3%

GENERAL APPLICATION AND USE RECOMMENDATIONS

Tiger Industrial Grade Elemental Sulphur is excellent in situations where burning sulphur is required in production processes. Recommendations are based on each individual Industrial process requiring a pure sulphur ingredient.

HANDLING AND STORAGE

Accepted handling procedures should be followed when using **Tiger Industrial Grade Elemental Sulphur**. Good housekeeping is necessary when handling sulphur products. Always use stringent dust control procedures to prevent concentrated flammable dusts from reaching a spark or flame source. Sulphur materials should not be blended and stored with strong oxidizing agents such as ammonium nitrate. Avoid extensive use of augers due to fracturing of the product.

FIRST AID

Skin Contact: Wash with mild soap and water.

Eyes: Irrigate thoroughly with copious quantities of plain water. Inadequate irrigation may cause irritation. Do not use Boric Acid.

Ingestion: Solid Sulphur is virtually non-toxic. It can be taken internally at fairly large doses without injury.

Inhalation: Sulphur dust may irritate the mucous membranes of the respiratory passages.

Disclaimer: While every reasonable care has been taken to ensure that uniformity on our web site is correct at the time of posting, we do not warrant accuracy and recommend you obtain local and independent verification.

SPECIFICATIONS