



BUOYANCY[®]
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Sulphur Flakes 99.95% Min

Sulfur in different form, shape, sizes and quality parameters is generally used for manufacturing sulfuric Acid, fertilizers, as bleaching agents, as Bi-sulfates, Carbon Di Sulfides and Sulfites, as rubber vulcanization agents, in gun powder manufacturing, Explosives, in sulfur dyes, putties, Paper & pulp and Pharmaceutical industries, animal feed etc. Granular Sulphur 99.95% (Flakes shape) exported by Buoyancy[®] meets following quality standards and properties

State at 20°C	Solid	Thermal Conductivity	0.205 W/cm/K
CAS No	7704-34-9	Residue on ignition	Max: 0.05%
Linear Formula	S	Solubility in Toluene:	0.01% Max
IMCO Class	4.1	Boiling point	444.50°C
U N Number	1350	EINECS	231-722-6
SM	32.07 g/mol	Flash Point	207.2°C
Melting Point	115°C -120°C	Specific Gravity	2.07 @ 70°F
Color	Bright Yellow	Auto-ignition Temperature	248-266°C
Solubility in H2O	Insoluble	Density	1.9-2.1 g/cm3
Size	2-4mm	Appearance	Irregular flakes shape

Properties	Result
Sulphur content	99.95% min
Moisture	≤ 0.5 % max
Ash content	≤ 0.03% max
Acidity(HSO)	≤ 0.003% max
Organic substance	≤ 0.03 % max
Color	Bright Yellow
Arsenic, Selenium, Tellurium, Lead	NIL
Mechanical impurities (paper, wood, sand, etc.)	Nil (Not permitted)

Packing

50 Kg small bags or 800-1250 Kg Jumbo bags in containers or by break bulk

Storage

- 1) Prevent from moisture absorbing, keep away from heat, keep in air well-ventilated area,
- 2) Do not contact with acids and alkaline substance, protect from dust.
- 3) Ensure bags are kept in sealed and in good condition

Accredited: ISO9001:2015 | ISO 14001:2015 | ISO45001:2018

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