POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

Powder Sulphur (325 Mesh)

Powder Sulfur has various uses, including manufacturing fertilizers, Pesticides, and being used as a bleaching agent in sugar manufacturing plants, as well as producing bisulfates, Carbon disulfides, and Sulfites. It is also used as a rubber vulcanization agent, in gunpowder, sulfur dyes, putties, paper and pulp, as well as in the Pharmaceutical and animal feed industries. Powder Sulphur exported by Polestar Worldwide General Trading meets the following Chemical and technical 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
Density	1.9-2.1 g/cm3	Solubility in H2O	Insoluble
Size	325 mesh (44 µ)	Appearance	Shiny fine powder

Properties	Parameters	Result
Sulphur content	99.90% min	99.99%
Moisture	≤ 0.5 % max	0.03 %
Ash content	≤ 0.03% max	0.008%
Acidity (H2SO4)	≤ 0.003% max	0.003%
Organic substance	≤ 0.3 % max	0.003 %
Color	Bright Yellow	Bright Yellow
Arsenic, Selenium, Tellurium, Lead	NIL	Commercially Free
Mechanical impurities (Paper, wood, sand, etc.)	(Not permitted)	Absent

Packing

25 Kg and 50 Kg PP Laminated marking bags, palletized or non-palletized.

Accreditation ISO 9001:2015 | ISO14001:2015 | ISO 45001:2018

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Storage

1) Prevent moisture absorption by keeping away from heat and storing in an air-ventilated area.
2) Avoid exposure to acids and alkaline substances and protect yourself from dust.
3) Ensure bags are kept sealed and in good condition.

COMMENTS

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet (SDS) provides essential information regarding its environmental impact, health effects, and safe handling and storage practices. To obtain the most recent version of the SDS for this product, please don't hesitate to contact a representative of Polestar Worldwide General Trading LLC.

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