

# Sulfur

## Data Sheet

- ▶ **Product name:** Sulfur.
- ▶ **Chemical name:** Sulfur. Flammable rock, rhombic sulfur or alpha sulfur.
- ▶ **Chemical formula:** S
- ▶ **Appearance:** Solid, crystalline, light yellow, small, slab-shaped.
- ▶ **Packaging:** in bulk, 25-kg-bags (55.11lb) in pallet or in 700-kg bags (1543lb)
- ▶ **Product identification in the program:** "Manufactured Products Control"
- ▶ **Code:** S06042009

SPECIFICATIONS			
Parameter	Unit	Minimum	Maximum
Purity	%	98.00	99.96
1st combustión Residue	%	-	1.50
1st combustión Time	Minutes	-	25.00
2nd Combustión Residue	%	-	1.00
Ashes	%	-	0.50
Bituminous matters	%	-	0.10
Color	Light yellow		
Appearance	Scale-like or granular solids, free from visible impurities		



## Product applications:

It is mainly used for producing its compounds, such as sulfur dioxide, sulfuric acid, sulfites and sulfates.

- ▶ **Rubber industry:** it is used to manufacture vulcanized rubber.
- ▶ **Industry:** It is used to manufacture black powder.
- ▶ **Agriculture:** all specialties are used, e.g.: wettable, micronized, special additives, alkaline soil conditioners. It is generally used as a fungicide and for manufacturing phosphate fertilizers.
- ▶ **Photographic industry:** it is used as a fixer, as it dissolves silver bromide and magnesium sulfate.
- ▶ **Medical industry:** it is currently used to treat acne, seborrheic dermatitis, rosacea, scabies and pityriasis versicolor. This shows that sulfur has maintained its position in the treatment of pustular acne. It is not a comedolytic substance and its efficiency is generally attributed to the keratolysis it produces.

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