Basekim
Chemical Production Co.Ltd

Sodium Sulfide 60% – Technical Data Sheet (TDS)

Parameter	Specification
Product Name	Sodium Sulfide 60% Flakes
Chemical Formula	Na_2S
CAS Number (Anhydrous)	1313-82-2
CAS Number (Hydrate)	27610-45-3
Molecular Weight (Na_2S)	78.04 g/mol
Appearance	Light Yellow to Yellow Flakes
Sodium Sulfide (Na_2S)	≥ 60.0 wt%
Iron (Fe)	≤ 10 ppm
Sodium Carbonate (Na_2CO_3)	≤ 0.5 wt%
Sodium Thiosulfate ($Na_2S_2O_3$)	≤ 0.8 wt%
Sodium Sulfite (Na_2SO_3)	≤ 0.5 wt%
Sodium Polysulfides (Na_2S_x)	≤ 0.2 wt%
Sodium Hydroxide (NaOH)	≤ 0.2 wt%
Sodium Hydrosulfide (NaSH)	≤ 0.5 wt%
Bulk Density	Approx. 850 kg/m³
Relative Density (25°C)	1.86 g/mL
Water Solubility (20°C)	178 g/L

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