Technical Data Sheet

Ferro Silicon Manganese · CAS 12743-28-1 · FeSiMn

Technical Data Sheet (TDS) - Ferro Silicon Manganese

Product Grade: Moonarc Premium SiMn 65/17
Revision Date: October 2023

Product Description

Ferro Silicon Manganese is a metallic-looking ferroalloy used primarily in steelmaking to provide both Silicon and Manganese additions.

Typical Chemical Analysis

Element	Specification (%)
Manganese (Mn)	65.0% Min
Silicon (Si)	17.0% - 20.0%
Carbon (C)	2.0% Max
Phosphorus (P)	0.25% Max
Sulfur (S)	0.04% Max

Physical Properties

- Melting Range: 1060°C - 1250°C
- Bulk Density: ~4.0 g/cm³
- Sizing: 10-50 mm (90% min passing)

Quality Assurance

Each shipment is accompanied by a Certificate of Analysis (COA) confirming compliance with ISO 5447 standards.

Note: This TDS is a DRAFT for informational purposes only.

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