FERROSILICON
PRODUCT SPECIFICATION SHEET

GROWTH STEEL GROUP



Product Name: Ferrosilicon (FeSi)

HS Code:7202.21
CAS Number: 8049-17-0
Origin: Indonesia
Producer: Growth Java Industry
Production Method: Electric Furnace (EF)

1. Chemical Composition (% by weight)

Element	Grade 72% (Typical)
Silicon (Si)	Avg. 72.0%
Iron (Fe)	Balance
Aluminum (Al)	Max 2%
Carbon (C)	Max 0.2%
Phosphorus (P)	Max 0.04%
Sulfur (S)	Max 0.04%

2. Physical Characteristics

- Form: Lump
- Size: 10–80 mm (90%)
- Color: Grey metallic
- Melting Point: Approx. 1,200 – 1,300°C

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3. Packaging & Delivery

- Packaging:
  - Jumbo Bags
  - Bulk in containers
- Typical Load:
  - 25–26 MT per 20-ft container
- Port of Loading: Tanjung Priok
- Delivery Terms: CIF
- Lead Time: 1–3 weeks from order confirmation

4. Quality Assurance

- Inspection: Third-party inspections, CoA (Certificate of Analysis) available
- Documentation: Mill Certificate, MSDS

5. Applications

- Steel and stainless steel deoxidizer
- Nodularizer in ductile (SG) iron casting
- Inoculant in foundries
- Alloy additive for high-performance steels

CONTACT US:

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