

QUARTZ GRIT

Price: 13500.0 INR/Ton

MOQ: 100 Tons

QUARTZ GRIT Specification

Surface Finish: Granular

Chemical Composition: SiO₂ (Silicon Dioxide) > 98%

Melting Point: 1710°C (approx.)

Density: 2.7 g/cm³

Water Absorption: Negligible

Application: Glass manufacturing, steel foundries, water filtration, abrasive applications, construction, and ceramics

Purity: > 98%

Usage & Applications: Glass making, foundry, sand blasting, construction, water filtration

Hardness: Mohs hardness 7

Form: Granules / Grits

Types of Refractories: Acidic refractory

Shape: Angular / Grit form

Porosity: Low

Dimensional Stability: Excellent

Strength: High mechanical strength

Specific Gravity: 2.65

Color: White to off-white

Refractoriness: Very High

Bulk Density: 1.5 - 1.6 g/cm³

Packing: 25/50 kg HDPE bags or as per requirement

Alkaline Content: < 0.02%

Oil Absorption: Low

Acid Resistance: Excellent

Moisture: < 0.2%

Grain Size: 0.1 mm to 8 mm (as per requirement)

Loss on Ignition: < 0.5%

Trade Information

Minimum Order Quantity: 100 Tons

Payment Terms: Cash Advance (CA), Sight L/C, Western Union, Letter of Credit (L/C)

Supply Ability: 1600 Tons Per Month

Delivery Time: 2 Weeks

Sample Available: No

Sample Policy: Free samples available; shipping and taxes paid by buyer

Packaging Details: 50 kg PP laminated bags, jumbo bags (1-1.25 MT), or loose packaging

Main Export Markets: Asia, Middle East

Main Domestic Market: All India, Gujarat, Maharashtra, Rajasthan

Certifications: ISO, IE CODE

About QUARTZ GRIT

We produce different types of Quartz Grits depending on their colour, including white grits, transparent grits, and smoky quartz grits. Quartz Grits are widely used in the production of Quartz Slabs.

Key Characteristics: High purity ($\text{SiO}_2 > 98\%$), very high refractoriness, exceptional mechanical strength, low porosity, superior chemical stability, low moisture, and low alkaline content.

Applications: Glass manufacturing, water filtration, construction, sandblasting, ceramics, and steel foundries.

FAQs

Q: How is quartz grit utilized in glass manufacturing?

A: It is a primary ingredient due to its high purity, low moisture content, and excellent thermal stability.

Q: What sets this quartz grit apart?

A: High mechanical strength, excellent acid resistance, low absorption, and high purity.

Q: When should quartz grit be used in refractory applications?

A: In acidic refractory applications requiring high thermal and dimensional stability.

Q: Where can quartz grit be sourced in India?

A: From reputable manufacturers and suppliers across India.

Q: What is the preparation process?

A: Crushing, washing, drying, sorting, and quality control of high-purity quartz rock.

Q: How does quartz grit benefit water filtration?

A: Its low porosity, negligible absorption, and chemical stability make it an effective filtration medium.