



شركة قطر الوطنية لصناعة الأسمنت (ش.م.ع.ق.)

QATAR NATIONAL CEMENT COMPANY (Q.P.S.C.)

رأس مال الشركة 653,528,940 ريال قطري (مدفوع) The capital of company QAR 653,528,940 (Paid)



TECHNICAL DATA SHEET

Product Name: Calcium Carbonate (Coarse Grade)

Product Code: FGCA01

Date of Issue: September 2025

1. PRODUCT INFORMATION

This data sheet provides technical information for Coarse Grade Calcium Carbonate product.

2. TYPICAL CHEMICAL PROPERTIES

The following values represent the typical chemical composition of the product.

Component	Typical Value
Calcium Carbonate (CaCO_3)	$\geq 90\%$
Magnesium Oxide (MgO)	$\leq 0.5\%$
Silica (SiO_2)	$\leq 0.5\%$
Iron (Fe_2O_3)	$\leq 0.03\%$
Aluminum (Al_2O_3)	$\leq 0.02\%$

3. PARTICLE SIZE DISTRIBUTION

The product is characterized by its below particle size.

Sieve Size (mm)		
≥ 2.50 mm	to	≤ 4.00 mm

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4. PHYSICAL CHARACTERISTICS

Property	Typical Value / Description
Appearance	White to off-white granular powder
Odor	Odorless

5. APPLICATIONS

This specific grade of calcium carbonate, with its coarse particle size distribution, is typically suitable for applications such as:

- Construction materials (e.g., as a filler in asphalt, concrete)
- Glass manufacturing
- Flue gas desulphurization
- Soil stabilization and agriculture

6. HANDLING AND STORAGE

- Store in a dry, cool, and well-ventilated area.
- Follow standard good industrial hygiene practices during handling to minimize dust generation.

Disclaimer: The data provided in this technical data sheet is based on an average of production samples and is considered typical for the product. It is intended for use as a guide and does not constitute a specification. Properties may vary slightly between production batches.

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