



**CALCIUM CARBONATE**

**Manufacturer:**

ASM Chemical Industries Ltd.  
Factory: Tepir Bari, Bormi Road,  
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**1. PRODUCT NAME**

**Calcium Carbonate (CaCO<sub>3</sub>), Coated/Uncoated, GCC**

**2. PHYSICAL PROPERTIES**

01.	Physical Appearance	White Powder
02.	Whiteness	98 %
03.	Brightness	96 %
04.	Hardness	2.5 Moh
05.	Mesh Size	300-2500 (As per customer requirement)
06.	Mean Particle Size, D50	1.5 – 6.0 ± 0.3 microns
07.	Top Cut, D97	8.0-30.0 ± 2.0 microns
08.	pH value ( 10% Solution)	8.0-9.0
09.	Moisture Content	≤ 0.2 %
10.	Density	2.7 g/cm <sup>3</sup>
11.	Tapped Density	1.41 g/cm <sup>3</sup>

**3. CHEMICAL COMPOSITIONS**

	Characteristics	Unit	Value
01.	Calcium Carbonate ( as CaCO <sub>3</sub> )	wt. %	≥ 98.0
02.	Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	wt. %	≤ 0.02
03.	Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	wt. %	≤ 0.02
04.	Magnesium Oxide (MgO)	wt. %	≤ 0.02
05.	Silicon Oxide (SiO <sub>2</sub> )	wt. %	≤ 0.03
06.	Sodium Oxide (Na <sub>2</sub> O)	wt. %	Nil
07.	Potassium Oxide (K <sub>2</sub> O)	wt. %	Nil
08.	Copper Oxide (CuO)	wt. %	Nil
09.	Titanium Dioxide (TiO <sub>2</sub> )	wt. %	Nil
10.	Lead Oxide (PbO)	wt. %	Nil

**4. PACKAGING**

ASM Calcium Carbonate packed in laminated HDPE Bags having one liner inside of 25.0 kg Capacity

**5. USES**

Calcium Carbonate widely used in Paper, Plastics, Paints, Cables and Coatings industries, Pharmaceuticals Industries and Food Production, Waste treatment etc

**6. HANDLING & STORAGE**

It is desirable use personal protective equipment while handling Calcium Carbonate. Stored in a normal temperature & should not be stored in hot condition

(Md. Ali Zinnah)  
Chief Chemist Q.C