



## CENTRAL MINERALS & TRANSPORT JOINT STOCK COMPANY

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### Calcium carbonate powder Technical Data Sheet (TDS)

#### Description:

Calcium carbonate (Formula CaCO<sub>3</sub>) is a chemical compound. This substance is usually found under rocks in many parts of the world and especially in the limestone. In term of chemical composition, minerals Calcium carbonate (CaCO<sub>3</sub>) is mainly dominated. In Vietnam, there are millions of cubic meters of marble sources reserves often called white limestone, which is evaluated best quality in the world.

#### Technical Data:

✓ **Uncoated Product:**

#### 1- Product range

Item	Item code	D50	D97	Millimeter size	Mesh size
01	GCC-MT08	1.90 µm Max	8 ± 1.00 µm	0.008	~1880
02	GCC-MT10	2.30 µm Max	10 ± 1.00 µm	0.010	~1250
03	GCC-MT15	3.20 µm Max	15 ± 2.00 µm	0.015	~1000
04	GCC-MT20	4.50 µm Max	20 ± 2.00 µm	0.020	~650
05	GCC-MT25	5.50 µm Max	25 ± 2.00 µm	0.025	~600
06	GCC-MT30	6.50 µm Max	30 ± 2.00 µm	0.030	~500
07	GCC-MT45	14.00 µm Max	44 ± 3.00 µm	0.045	~325
08	CMT-80	Particle size range from 100 µm to 300µm		0.1 - 0.3	80 – 60
09	CMT-60	Particle size range from 300 µm to 600µm		0.3 - 0.6	50 – 30
10	CMT-08	Particle size range from 1200 µm to 2500µm		1.2 - 2.5	16 – 8
11	CMT-06	Particle size range from 2500 µm to 4000µm		2.5 - 4.0	8 – 5
12	Chips	As per Buyer's inquiries			
13	Lumps	As per Buyer's inquiries			

#### 2- Composition

CHEMICAL COMPOSITIONS		PHYSICAL PROPERTIES	
Content CaCO <sub>3</sub>	: 98% min	Brightness	: 94% min
Content Mg CO <sub>3</sub>	: 0.20% max	Whiteness	: 97% min
Content Fe <sub>2</sub> O <sub>3</sub>	: 0.01% max	Humidity	: 0.2% max
Content Al <sub>2</sub> O <sub>3</sub>	: 0.04% max	Water Demand/ml/100gm	: 24%
Content SiO <sub>2</sub>	: 0.01% max	Oil absorption/ml/100gm	: 26%
Content Na <sub>2</sub> O	: 0.05% max	p <sup>h</sup>	: 8 <sup>+</sup>
Bulk density	: 1g/cm <sup>3</sup>	Lost content when being burned	: 43.08% max

✓ **Coated Product:**

**1- Product range**

Item	Item code	D50	D97	Millimeter size	Mesh size
01	C.GCC-MT10	2.30 µm Max	10 ± 1.00 µm	0.010	~1250
02	C.GCC-MT15	3.20 µm Max	15 ± 2.00 µm	0.015	~1000
03	C.GCC-MT20	4.50 µm Max	20 ± 2.00 µm	0.020	~650

**2- Composition**

CHEMICAL COMPOSITIONS		PHYSICAL PROPERTIES	
Content CaCO <sub>3</sub>	: 98% min	Brightness	: 96% min
Content Mg CO <sub>3</sub>	: 0.21% max	Whiteness	: 98% min
Content Fe <sub>2</sub> O <sub>3</sub>	: 0.02% max	Humidity	: 0.2% max
Content Al <sub>2</sub> O <sub>3</sub>	: 0.03% max	Water Demand/ml/100gm	: 0%
Content SiO <sub>2</sub>	: 0.12% max	Oil absorption/ml/100gm	: 26%
Content Na <sub>2</sub> O	: 0.05% max	p <sup>h</sup>	: 8 <sup>+</sup>
Bulk density	: 1g/cm <sup>3</sup>	Lost content when being burned	: 43.08% max

**Application data:**

✓ **Super fine Uncoated Calcium Carbonate Powder**

GCC-MT05:	High Quality Paints, Paper, Rubber, Pharmaceuticals
GCC-MT08:	High Quality Paints, Paper
GCC-MT10:	High Quality Paints, Paper
GCC-MT15:	High Quality Paints, Paint, Paper
GCC-MT20:	Paint
GCC-MT25:	Plastic, Paint
GCC-MT30:	Plastic, Paint, Cosmetics
GCC-MT45:	Paint, Putty/Filler
GCC-MT70:	Putty/Filler, Animal Feed

✓ **Super fine Coated Calcium Carbonate Powder**

CGCC-MT08, CGCC-MT10, CGCC-MT15, CGCC-MT20: Plastic

The information given herein is to our best knowledge. However, no guarantee of results is implied since condition of use are beyond CMT's control and advice. We shall not be liable for any consequential loss or damage arising out of such use.

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