



Shyam
Chemicals & Minerals

Chemical Composition	SC - 2	SC - 3	SC - 4
Colour	Super White	White	White
Whiteness	97.00	97.00	96.00
Specific Gravity	2.60	2.60	2.71
Bulk Density (gm/ml)	0.90	0.95	1.00
Oil Absorption (gms per 100 gms)	22	22	22
Moisture Content	0.08	0.08	0.10
Silica SiO_2	1.05	1.05	1.80
Iron Fe_2O_3	0.04	0.04	0.04
Alumina Al_2O_3	0.05	0.05	0.05
Calcium Carbonate CaCO_3	95 +/- 1%	90 +/- 1%	85 +/- 2%

TERMS AND CONDITIONS :

Packing in new laminated bags, standard 25/50 kg packing. Material will be dispatched after receiving the purchase order along with 50% advance payment, balance payment before dispatching the goods. Rate of above product will be ex. our works. Freight extra, Taxes as applicable against 'c' forms.

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COMPANY PROFILE

SHYAM CHEMICALS & MINERALS is Jaipur (Rajasthan) - based business house engaged in the production and distribution of Industrial Minerals. Incepted in the year 2008. We are reckoned as a reliable Processor and Supplier of Micronised Calcite Powder, Calcium Carbonate and Dolomite Powder.

OUR PRIORITY : QUALITY ASSURANCE

At Shyam Chemicals & Minerals we pay utmost importance to quality. We make sure that the Industrial Minerals are quality tested on several parameters before their final dispatch. These tests are conducted by the experts at the testing unit.

PRODUCTS

Micronised calcite powder: We supply Micronised Calcite Powder that is developed using quality lumps that we obtain from trusted vendors. The Micronised Calcite Powder, we offer, is formulated by the experts at our own unit. The Micronised Calcite Powder, we formulate, is used as a raw material to manufacture several products. The clients can avail the Micronised Calcite Powder from us in varied quantity at reasonable price.

Particle Size Availability	Powder (100-700 Mesh & Up to 2 Micron)
Packing	50 kg HDPE bags / 25 kg bags Or as per customer requirements
Applications	Sheet / Float Glass Industries Glassware Industries Ceramic Floor & Wall Tile Industries Sanitary ware & Insulator Industries Ceramic Frit Industries Rubber Industries Pipe Coating Industries & Rigid PVC Pipes PP/LDPE master batches & Automotive Leather Cloth Industry Paints, Inks, Powder Coating
Typical Properties of Calcite :	Higher flow properties Higher mechanical properties in thermoplastic applications Better gloss and whiteness in Paints & Powder coating applications Excellent dispersion properties Prevents chalking Better corrosion resistance

PRODUCT SPECIFICATIONS OF IMPORTED CALCITE POWDER

No.	PRODUCT	SC-1		
1	GCC-SC105	D50 \leq 1.4 μ m	D97 = 5 \pm 1 μ m	2.500 mesh
2	GCC-SC108	D50 \leq 1.8 μ m	D97 = 8 \pm 1 μ m	1.880 mesh
3	GCC-SC110	D50 \leq 2.5 μ m	D97 = 10 \pm 1 μ m	1.250 mesh
4	GCC-SC112	D50 \leq 3.0 μ m	D97 = 12 \pm 1 μ m	1.100 mesh
5	GCC-SC115	D50 \leq 4.0 μ m	D97 = 15 \pm 1 μ m	1.000 mesh
6	GCC-SC120	D50 \leq 5.0 μ m	D97 = 20 \pm 1 μ m	625 mesh
7	GCC-SC125	D50 \leq 6.0 μ m	D97 = 25 \pm 1 μ m	600 mesh
8	GCC-SC130	D50 \leq 7.5 μ m	D97 = 30 \pm 1 μ m	500 mesh
9	GCC-SC135	D50 \leq 12.0 μ m	D97 = 35 \pm 1 μ m	428 mesh
10	GCC-SC145	D50 \leq 14.5 μ m	D97 = 45 \pm 1 μ m	325 mesh
11	GCC-SC175	D50 \leq 23.0 μ m	D97 = 70 \pm 1 μ m	188 mesh

TECHNICAL SPECIFICATION	PRODUCT			
	CGCC-SC108	CGCC-SC110	CGCC	CGCC-SC120
Dry Brightness	94,00% min	94,00% min	94,00 %	94,00 % min
Whiteness	97,00 % min	97,00 % min	97,00 %	97,00 % min
D50	1,8 μ m max	2,5 μ m max	4,0 μ m	5,0 μ m max
D97	8+1 μ m max	10 μ m max	15 μ m	15 μ m max
Mesh	1.880 mesh	1.250 mesh	1.000	625 mesh
Oil absorption	23,00 g alcohol	23,00 g alcohol	23,00 g	23,00 g alcohol
Moisture	0,2 % max	0,2 % max	0,2 %	0,2 % max

CHEMICAL - PHYSICAL COMPONENTS

CHEMICAL COMPONENTS		PHYSICAL CHARACTERISTICS	
CaCO ₃ content	\geq 98 %	Brightness	\geq 94 %
MgO content	\leq 0,16 %	Whiteness	\geq 97 %
Fe ₂ O ₃ content	\leq 0,01 %	Mixture	\leq 0,2 %
Al ₂ O ₃ content	\leq 0,04 %	Proportion	1g/cm ³
SiO ₂ content	\leq 0,01 %	Oil absorption	\geq 24g/100g CaCO ₃
Na ₂ O content	\leq 0,16 %	Content loss on	\leq 43,08 %