



**Jai
Enterprises**

We supply worlds best
calcium carbonate



PRODUCT CATALOGUE



ABOUT US

**We are esteemed
manufacturers, importers, and
distributors of calcium
carbonate.**

Indian Calcium Carbonate

| Specification | Results |
|----------------|----------------|
| Calcite | > 97% |
| Fe2O3 | 0.015% |
| MgO | 1.0% |
| SiO2 | 0.5% |
| Al2O3 | 0.02% |
| Density | 2.7g/cm3 |
| Hardness | 3Moh |
| Moisture | 0.1% |
| pH Value | 8.7 |
| Oil Absorption | 23g/100g CaCO3 |
| Whiteness | 97.5% |
| Stearic Coated | 1.2 ± 0.2 |

| Distribution Percentage (um) - VOLUME | |
|---------------------------------------|-----------|
| Percentage (%) | Size (um) |
| 50.0% | 2 ± 1 |
| 97.0% | 10 ± 2 |



Egyptian Calcium Carbonate



| Physical Properties | |
|---|---------------|
| Test | Specification |
| Particle size distribution By Mastersize 3000 | |
| D97 μ | 18 \pm 2 |
| D50 μ | 3.5 \pm 1 |
| < 2 μ % | 26 - 30 |
| Whiteness (Ry) % | \geq 97 |
| Yellow Index (YI) % | \leq 3.0 |
| Hardness Mohs | 3 |
| Refractive Index % | 1.59 |
| Loose Bulk Density \pm 0.05 g / cm3 | 0.74 |
| Tapped Bulk Density \pm 0.05 g / cm3 | 1.36 |

| Chemical Properties | |
|--|---------------|
| Test | Specification |
| pH | Max 9.0 |
| Moisture Content 105 C | Max 0.2 |
| Oil Absorption (Linseed oil) \pm 0.5 | 17.3 |

| Physical Properties | |
|---|---------------|
| Test | Specification |
| Particle size distribution By Mastersize 3000 | |
| D97 μ | 14 - 15 |
| D50 μ | 2.5 |
| < 2 μ % | 32 - 35 |
| Whiteness (Ry) % | \geq 97 |
| Yellow Index (YI) % | \leq 3.0 |
| Hardness Mohs | 3 |
| Refractive Index % | 1.59 |
| Loose Bulk Density \pm 0.05 g / cm3 | 0.65 |
| Acid Value % | 1.2 |

| Chemical Properties | |
|------------------------|---------------|
| Test | Specification |
| pH | Max 9.0 |
| Moisture Content 105 C | Max 0.2 |



Vietnam Calcium Carbonate



| TT | Testing Items | Units | Standard |
|----|---------------|-------|------------------------------------|
| 1 | SiO2 | % | ≤ 0.20 |
| 2 | Al2O3 | % | ≤ 0.20 |
| 3 | Fe2O3 | % | ≤ 0.02 |
| 4 | MgO | % | ≤ 0.30 |
| 5 | CaCO3 | % | ≥ 98.00 |
| 6 | pH | | 8 - 9 |
| 7 | Whiteness | % | ≥ 98.00 |
| 8 | Brightness | % | ≥ 96.00 |
| 9 | Moisture | % | ≤ 0.3 |
| 10 | Particle Size | μ m | D 50 = 2.78 ± 0.5 D 97 = 15 ± 1 |

Technical Properties

| Grade | Particle Size | Method |
|----------|-------------------------------------|---------------------------|
| AAA - 04 | D 97 = 20 ± 1 μm, D 50 = 3.5 ± 1 μm | MALVERN MASTERSIZER 3000E |

| Physical Properties | | Chemical Properties | | Method |
|---------------------|--------------------|---------------------|----------|-----------------------|
| Whiteness | ≥ 98 % | CO | ≥ 54 % | Konica Minolta CR 410 |
| Brightness | ≥ 96 % | MgO | ≤ 0.16 % | |
| Moisture | ≤ 0.25 % | Fe2O3 | < 0.01% | AND ML 50 |
| Specific Gravity | 2.7 | Al2O3 | < 0.10 % | |
| Oil Absorption | 35 ml/ 100 g CaCO3 | SiO2 | < 0.10 % | |
| Loss on Ignition | ≤ 43.8 % | Na2O | < 0.16 % | |
| Hardness | 3 Moh | Coated percentage | None | |



Talcum/ Soap Stone Powder

| Physical Properties | |
|---------------------|-----------------------|
| Test | Specification |
| BRIGHTNESS | 96+% |
| MESH | 450 |
| BULK DENSITY | 0.68g/cm ³ |

| Chemical Properties | |
|--------------------------------|---------------|
| Test | Specification |
| MgO | 31.5% |
| SiO ₂ | 62.9% |
| CaO | 0.4% |
| Al ₂ O ₃ | 0.2% |
| FeO | 0.3% |
| pH VALUE | 8.69 |



| Physical Properties | |
|---------------------|-----------------------|
| Test | Specification |
| BRIGHTNESS | 93+% |
| MESH | 500 |
| BULK DENSITY | 0.68g/cm ³ |

| Chemical Properties | |
|--------------------------------|---------------|
| Test | Specification |
| MgO | 31.5% |
| SiO ₂ | 62.9% |
| CaO | 0.4% |
| Al ₂ O ₃ | 0.2% |
| FeO | 0.3% |
| pH VALUE | 8.69 |



**Jai
Enterprises**

Contact



Netaji Subhash Place, New Delhi

-110034



sales1@jaichemicals.co



m
+91 11 4559 6775