

### DESCRIPTION AND APPLICATIONS

Natural, very fine, CALCIUM CARBONATE powder obtained from high purity, very white limestone with the highest technology. Used in exterior emulsion paints, industrial paints, adhesive, solvent based And water based paints, paper and high gloss powder coatings, etc

### CHEMICAL ANALYSIS

|                                |        |
|--------------------------------|--------|
| CaCO <sub>3</sub>              | 99.20% |
| CaO                            | 55.68% |
| MgO                            | 0.01%  |
| Fe <sub>2</sub> O <sub>3</sub> | 0.03%  |
| SiO <sub>2</sub>               | 0.12%  |
| Al <sub>2</sub> O <sub>3</sub> | 0.02%  |
| L.O.I                          | 44.15% |
| HCl insoluble content          | 0.20 % |

### SPECIFICATION AND PRODUCT DATA

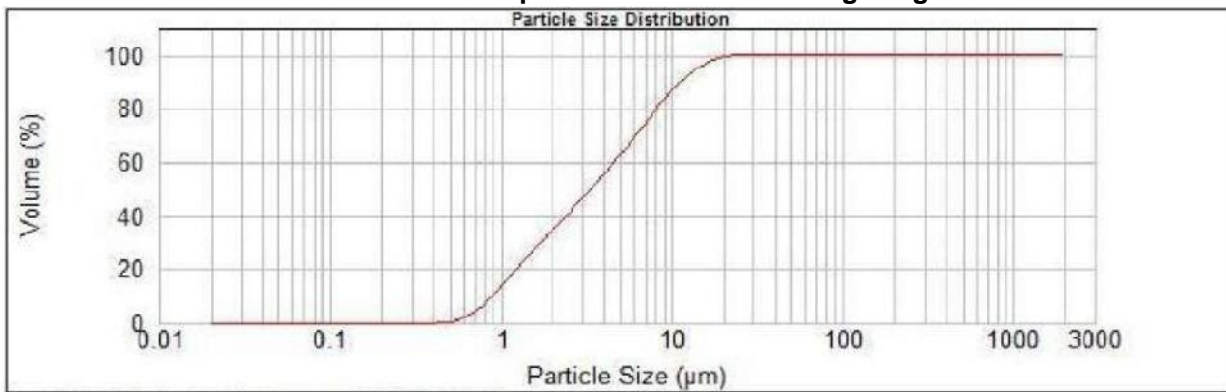
|                         |                  |
|-------------------------|------------------|
| Fineness:               |                  |
| Top cut(d97)            | 20 µm +/- 2 µm   |
| Mean particle size(d50) | 4.5µm +/- 0.5 µm |
| Particles under 2µm     | 24 %             |

### PHYSICAL CHARACTERISTICS

|  |                        |
|--|------------------------|
| Whiteness  |                        |
| (ASTM E-313 or other equivalent standards): L* >97.7 |                        |
| Brightness %   | 95.8%                  |
| Moisture   | 0.20 %                 |
| Hardness by Moh's                                    | 3 Moh's                |
| Specific gravity                                     | 2.73 g/cm <sup>3</sup> |

### GENERAL PRODUCT DATA

|                |                         |
|----------------|-------------------------|
| Bulk density   | 1.00 g/ml               |
| pH value       | 9 (Iso787/9)            |
| Oil absorption | 13.00 g/100g (Iso787/5) |
| DOP absorption | 15.50 g/100g            |



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