



**ALPHA STONE**  
For grinding & packing  
Calcium carbonate



**ASK-220**

**PREMIUM QUALITY  
TALC POWDER**



Alpha Stone Talc Powder is known by its highest purity and whiteness with low iron, silica and magnesium percentages

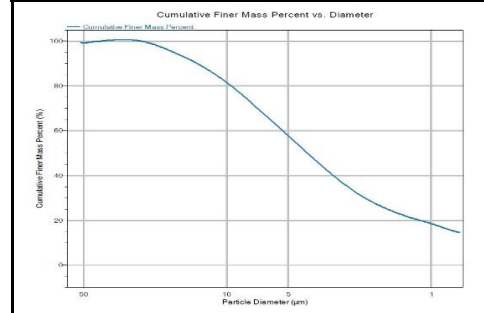
### Typical Chemical Properties %

|                                |          |
|--------------------------------|----------|
| SiO <sub>2</sub>               | 60-62    |
| TiO <sub>2</sub>               | <0.01    |
| Al <sub>2</sub> O <sub>3</sub> | 0.3-0.5  |
| Fe <sub>2</sub> O <sub>3</sub> | 0.1-0.2  |
| MnO                            | 0.01     |
| MgO                            | 31-33    |
| CaO                            | 0.14-0.3 |
| Na <sub>2</sub> O              | <0.01    |
| K <sub>2</sub> O               | <0.01    |
| P <sub>2</sub> O <sub>5</sub>  | 0.01     |
| L.O.I                          | 4.5-5.5  |

### PSD (Sedigraph III)

|                        |         |
|------------------------|---------|
| D97 (μ)                | 20 ± 1  |
| D50 (μ)                | 4 ± 0.2 |
| <2μ                    | 26-30%  |
| <b>Color (ELREPHO)</b> |         |
| (RY)                   | 90±1    |
| (L*)                   | 95.5±1  |
| (a*)                   | -0.05   |
| (b*)                   | 0.60    |

### Particle size distribution



### Free of Asbestos

#### Typical Physical Properties

|                           |                      |
|---------------------------|----------------------|
| Bulk Density (gm/ml)      | 0.35                 |
| Tapped Density (gm/ml)    | 0.88                 |
| Yellowness (DIN 6167)     | 1.4-1.7              |
| Oil Absorbtiopn           | 46 per 100 gm powder |
| Density (ISO 787/10) g/ml | 2.7                  |
| Hardness (Mohs)           | 1                    |
| PH value (787/9)          | 8                    |
| Moisture                  | 0.2%Max              |

### Packing

|        |                    |
|--------|--------------------|
| 25 Kg  | Plastic/Paper Bags |
| 850 Kg | Jumbo Bags         |

Technical Data Sheet

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