

**CHARLES B. CHRYSTAL CO., INC**  
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INDUSTRIAL MINERALS SINCE 1897

**HIGH PURITY MEDITERRANEAN CALCIUM CARBONATE**

These are high quality calcium carbonate of Greek origin particularly useful in and around the Mediterranean area. Three different particle sizes are available.

**CHEMICAL ANALYSIS applies to all grades:**

|                                |          |
|--------------------------------|----------|
| CaCO <sub>3</sub>              | 99% min  |
| MgO                            | 0.25     |
| SiO <sub>2</sub>               | 0.08     |
| Fe <sub>2</sub> O <sub>3</sub> | 0.01     |
| Al <sub>2</sub> O <sub>3</sub> | 0.03     |
| LOI                            | 43-45    |
| Moisture                       | 0.2% max |

**PHYSICAL ANALYSIS applies to all grades:**

|                  |                                 |
|------------------|---------------------------------|
| Specific gravity | 2.7 g/cc                        |
| Refractive index | 1.59                            |
| Hardness         | 3 Mohs                          |
| Crystallinity    | rhombohedral & microcrystalline |
| pH               | 9                               |

| <b>GRADE</b>             | <b>200 MESH</b> | <b>25 MICRON</b> | <b>10 MICRON</b> |
|--------------------------|-----------------|------------------|------------------|
| d97                      | 60 micron       | 25               | 10               |
| d50                      | 6 micron        | 3.5              | 2                |
| d15                      | 2 micron        | ---              | ---              |
| Packed density           | 1.1 gr/cc       | 1.1              | 0.9              |
| Dry brightness (DIN6174) | 92.5            | 95.5             | 96               |
| Oil absorption           | 12 gr/100 gr    | 16               | 20               |
| DOP absorption           | 25 gr/100 gr    | 27               | 30               |

**PACKING:** 25 kg paper bag or supersack

**ORIGIN:** Greece