TECHNICAL DATA SHEET

# Uncoated Ground Calcium Carbonate

**BIL-GCC-U025**

Typical grade-specific data. Select the grade according to the application and formulation.

| Particle-size property | Typical value | Unit |
|---|---|---|
| D97 | 24±1 | µm |
| D50 | 5.5±0.5 | µm |
| Particles below 2 µm | 26±2 | % |

| Physical / treatment property | Typical value | Unit |
|---|---|---|
| Brightness (RY) | 97.5±0.5 | % |
| Yellow index | 3.5 Max | % |
| Loose bulk density | 0.78±0.05 | gm/100cm³ |
| Oil absorption | 16.8±0.5 | g/100 g |

| Chemical analysis | Typical value |
|---|---|
| $CaCO_3$ | 99.8% |
| CaO | 55.6% |
| MgO | 0.15% |
| $Fe_2O_3$ | 0.003% |
| $Al_2O_3$ | 0.002% |
| $SiO_2$ | 0.01 - 0.03% |
| Loss on Ignition | 44.02% |

| Common property | Typical value |
|---|---|
| Refractive index | 1.59 |
| pH | 9 max |
| Hardness (Mohs) | 3 |
| Moisture | 0.2% max |
| PSD method | Malvern |

Applications: Putties • Decorative Paints • Sealants • Protective Coatings • Many other uses

Packing: 25 Kg Plastic/Paper Bags | 1-1.3 Tons Jumbo Bags

Storage: Keep dry and protected from contamination. Avoid breathing airborne mineral dust.

Technical note: Values are typical product data. Final commercial specifications and lot-specific results are confirmed in the quotation and applicable Certificate of Analysis.