TECHNICAL DATA SHEET

Uncoated Ground Calcium Carbonate

BIL-GCC-U045

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

Particle-size property	Typical value	Unit
D97	44±2	µm
D50	10±0.5	µm
Particles below 2 µm	11±1	%

Physical / treatment property	Typical value	Unit
Brightness (RY)	96±1	%
Yellow index	4 Max	%
Loose bulk density	0.925±0.025	gm/100cm³

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: Ceramic Industry • Putties • Fertilizers • Construction

Packing: 25-50 Kg Plastic/Paper Bags | 1.375 Ton 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.