TECHNICAL DATA SHEET

Uncoated Ground Calcium Carbonate

BIL-GCC-U010

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

Particle-size property	Typical value	Unit
D97	10 ±0.5	µm
D50	2.6±0.2	µm
Particles below 2 µm	40±2	%

Physical / treatment property	Typical value	Unit
Brightness (RY)	97.5±0.5	%
Yellow index	2.9 Max	%
Loose bulk density	0.57±0.05	gm/100cm³
Oil absorption	19.5±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: Paints • Sealants • Adhesives • Rubber Molding • Many other uses

Packing: 25 Kg Plastic/Paper Bags | 1 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.