



GOLD STONE
— DIGGING TO ACHIEVE YOUR NEEDS —

GSp1

GSp1 is a fine particle size, highly purity and whiteness Calcium Carbonate (CaCO_3) product which produced from Menia governorate limestone Milles.

CHEMICAL ANALYSIS AND PHYSICAL SPECIFICATION

Chemical Analysis		
CaCO ₃	99 %	Min
MgCO ₃	0.20 %	Max
Fe ₂ O ₃	0.01 %	Max
Al ₂ O ₃	0.04 %	Max
SiO ₂	0.01 %	Max
Na ₂ O	0.05 %	Max
CaO	56.06%	Max
L.O.I	43.89 %	Max

Physical Specification	
Whiteness	≥95% Min (Din 6174)
Refractive index	1.59 %
Humidity	0.2 % Max
Hardness (Mohs)	3.00
Density of CaCO ₃	2.730 g/cm ³
pH	9 (ISO 787/9)
Oil absorption	19.0 ml/100g (ISO 787/5)
Bulk Density	0.85 g/ml (ISO 787/11)

FINENESS

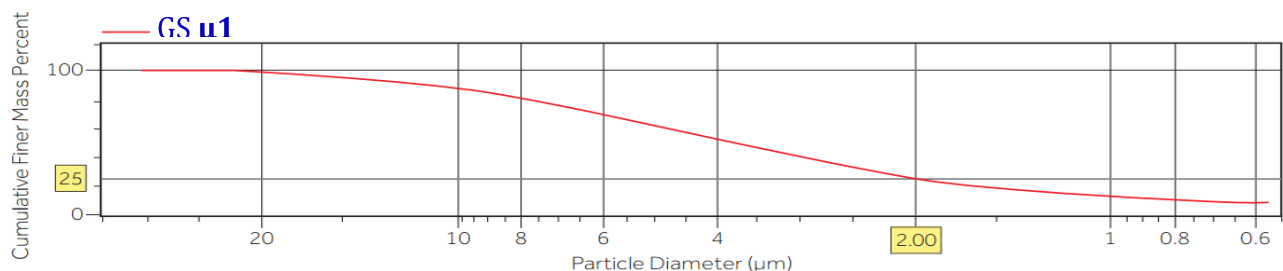
Particle Size Distribution:

PARTICLES < 2 MM
25 ± 2 µm

MAIN PARTICLE SIZE (D50)
4.0 µm Max

TOP CUT (D98)
15.0 ± 1.00 µm

CUMULATIVE FINER MASS PERCENT vs. DIAMETER



HQ Address: #536 Mohammed Nagib Axis, New Cairo 1, Cairo, Egypt. P.O: 11865

Factory Address: Block D #23 & 24, The Third Cell, The Third Sector, The Industrial Zone in Al-Matahra, Minya Governorate, Egypt.

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