

58300 Terra Alba, Selenite, Natural Gypsum

Chemical composition: Hydrated calcium sulfate $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

Technical Data:

Chemical Analysis:

H ₂ O (bound):	12.26 %
CaO	36.80 %
SO ₃	48.80 %
Na ₂ O	< 0.018 %
MgO	0.913 %
Al ₂ O ₃	0.061 %
SiO ₂	0.588 %
K ₂ O	0.009 %
Fe ₂ O ₃	0.018 %
SrO	0.457 %
BaO	< 0.009 %

pH-Value (DIN ISO 787/9) 6.8 – 7.4 log mol/l

Physical Values:

(Average data)

Specific surface (accord. to Blaine DIN 66126)	6.050 cm ² /g
Density	2.64 g/cm ³
Bulk density (DIN 1168)	725 g/l ± 25%
Apparent density (DIN ISO 787/11)	830 g/l
Brightness (DIN 53163)	85 % ± 2.3 %
Oil value (DIN 53199)	16 g/100 g
Humidity (DIN ISO 787/2)	< 0.5 %
Particle size distribution (Residue Sieve accord. DIN 4188)	
	R0.020 mm 21.50% ± 3.50%
	R0.025 mm 9.20% ± 1.40%
	R0.032 mm 3.20% ± 1.30%
	R0.040 mm 0.76% ± 0.17%
	R0.045 mm 0.29% ± 0.15%

Limited shelf life, store dry.

All values are average, due to the natural origin of the raw materials small deviations are possible.