

SCHAEFER PRECAL[®] 50 S

Calciumhydroxide, technical grade

Technical Data Sheet Typical Values

Plant Hahnstätten

Assay of Calcium Hydroxide at the stage of delivery (calculated by the chemical Analysis)	98	%
Chemical Analysis		
CaO	74,6	%
MgO	0,6	%
SiO ₂	0,1	%
Al ₂ O ₃	0,07	%
Fe ₂ O ₃	0,04	%
Mn ₃ O ₄	0,02	%
S	0,01	%
(X-ray spectroscopy)		
Loss on ignition	24,5	%
Carbonic dioxide	0,6	%
Moisture	0,2	%
Hydrated Water	23,7	%
(Gas phase analysis)		
Physical Data		
Apparent Density (EN 459-2)	0,45	kg/dm ³
Sieve analysis (Bundesverband Kalk, Working Sheet P 02)		
Residue on test sieves (DIN ISO 3310)		
0,2 mm sieve	-	%
0,09 mm sieve	3	%
Brightness (relative value MgO, Blue filter R ₄₅₇)	91	%
Tariff-Number:	25222000	
ECOIN (Volume II):	Calcium Hydroxide	1305-62-0
EINECS:		215-137-3
PRECAL 50 S is in accordance with the requirements of EN 459 and EN 12518, Class 1, Quality A, Type 1.		