

SCHAEFER PRECAL[®] 30 S

Calcium Oxide, technical grade

Technical Data Sheet Typical Values

Plant Hahnstätten

Chemical Analysis

CaO		97,3	%
MgO		0,75	%
SiO ₂		0,13	%
Al ₂ O ₃		0,1	%
Fe ₂ O ₃		0,05	%
Mn ₃ O ₄		0,03	%
S		0,01	%
(X-ray spectroscopy)			

Loss on ignition		1,6	%
H ₂ O total	0,8	%	
CO ₂	0,8	%	
(Gas phase analysis)			

Physical Data

Apparent density (EN 459-2)		0,8	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	2	%

This product is also available in following particle sizes:

PRECAL 21 S	10 – 50 mm
PRECAL 23 S	0 – 5 mm

Brightness (Relative value MgO, Blue filter R ₄₅₇)	86	%
--	----	---

Slaking rate		
t ₆₀ (EN 459-2)	0,3	min

Tariff-Number:	25221000	
ECOIN (Volume II):	Calcium Oxide	1305-78-8
EINECS:		215-138-9

PRECAL 30 S complies with the requirements of the EN 459 and EN 12518, Class 1, Quality A, Type 1.