

LOW ABRASION WHITE CARBONATES

Product Properties

Calcium carbonate (CaCO_3) is one of the most commonly used industrial minerals and its use in adhesives, sealants, paints and paper offers a wide field of application. New binder systems are used today which are much faster reacting than in the past. **CALCILIT® M** is the trade name for natural white mineral products manufactured in Sacile, Italy, where compact-grown material is washed and dried. The absence of abrasive impurities such as quartz give assistance to spare your technical tools and machines.

KEEP YOUR MECHANICS INTACT

Key Benefits at a glance

- Natural calcium carbonate
- Natural brightness
- Steep slope of PSD ("low on fines")
- Explicitly reduced abrasion
- Keeping your mechanics intact
- Reduced wear and tear
- Improved performance in end-application



V2 / 2020-09-15 / OK

Alpha Calcit Füllstoff Gesellschaft mbH & Co. KG

D-50971 Köln Postfach 50 11 06

Telefon: +49 2236 8914-0

Email: info@alpha-calcit.de

D-50997 Köln Otto-Hahn-Str. 9-11

Telefax: +49 2236 40644

Internet: www.alpha-calcit.de

Die in unseren Informationen und Druckschriften angegebenen Werte sind Durchschnittswerte ohne Rechtsverbindlichkeit.
The data indicated on our data sheets and printed matters represent average values and are not legally binding.



LOW ABRASION WHITE CARBONATES

Introduction

Higher filling factors, improvement of rheological properties and economic advantages are achieved by application of industrial minerals. **CALCILIT 4 M**, **CALCILIT 5 M** and **CALCILIT 427 M** are characterized by natural brightness, a steep slope of the particle size distribution curve and an exact top-cut which enables the user to achieve highest filling factors. The products are free of hard particles (e.g. quartz), therefore by application of these industrial minerals, mechanisms and machines stay without of signs of wear. Application areas are putties, paints, plastics, adhesives, etc.

Chemical and Physical Data

Composition: Natural calcium carbonate
 Activity: 100 % active by weight
 Form: Fine powder

Parameter		Market Typical Product	CALCILIT 5 M	CALCILIT 4 M	CALCILIT 427 M
<i>Particle size distribution CILAS 1064</i>					
D ₅₀	µm	4	4	3	3
<i>Whiteness Elrepho</i>					
Ry		95	95	95	96
BGW-B		- 1	- 4	- 4	- 1
<i>Sieve residue</i>					
Sieve residue 20 µm	%	5	5	< 0,1	< 0,1
Sieve residue 40 µm	%	0,01	0,01	0	0
<i>Abrasion</i>					
Abrasion	%	100	< 50	< 20	< 20

V2 / 2020-09-15 / OK

Alpha Calcit Füllstoff Gesellschaft mbH & Co. KG

D-50971 Köln Postfach 50 11 06 Telefon: +49 2236 8914-0 Email: info@alpha-calcit.de
 D-50997 Köln Otto-Hahn-Str. 9-11 Telefax: +49 2236 40644 Internet: www.alpha-calcit.de

Die in unseren Informationen und Druckschriften angegebenen Werte sind Durchschnittswerte ohne Rechtsverbindlichkeit.
 The data indicated on our data sheets and printed matters represent average values and are not legally binding.

