

## ***CALCIFIN® PRODUCTS***

### **Product Properties**

**CALCIFIN** is crystalline calcium carbonate based on pure natural material. **CALCIFIN** comprises fine white calcium carbonates of German origin, based on Jurassic rock. **CALCIFIN** leads to 'warm natural' colors in the final product and is used already in a lot of new developments of state-of-the-art sustainable products of our daily life.

## ***SMOOTHNESS AND CLASSICAL ELEGANCE***

### **Key Benefits at a glance**

- Natural calcium carbonate
- Creates warm natural colors
- Sustainable end ecological products
- Cost saving
- Exact top cut
- Widens application area
- Excellent surface of end products



V1 / 2020-09-24 / 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](mailto:info@alpha-calcit.de)

D-50997 Köln Otto-Hahn-Str. 9-11

Telefax: +49 2236 40644

Internet: [www.alpha-calcit.de](http://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.



## CALCIFIN® PRODUCTS

### Introduction

**CALCIFIN** product family is based on natural crystalline calcium carbonate (calcite) of high chemical purity that is produced by modern particle sizing and classification processes. The raw mineral originates from the Malm-Epsilon-layer of the upper Jura formation and has a trigonal crystal structure. Due to the precise top cut, the products manufactured with **CALCIFIN**, especially those used in the plastics and rubber industry, show excellent surface.

### Chemical and Physical Data

Product	D50 [µm]	Sieve residue [%]	Whiteness Ry	Moisture [%]	Bulk density (untamped) [g/ml]	Coated
<b>CALCIFIN 20 K</b>	4	45 µm < 0.01	90	< 0.2	0.8	-
<b>CALCIFIN 20 H</b>	4	45 µm < 0.01	90	< 0.2	0.8	+
<b>CALCIFIN 45 K</b>	5	90 µm < 0.5	88	< 0.2	0.8	-
<b>CALCIFIN 60 K</b>	6	63 µm < 1.0	80	< 0.15	1.0	-

### Application examples

#### **Rubber articles:**

- Cost reduction
- Mechanical stability
- Constant quality with stable PSD

#### **Plastics:**

- High quality compounds
- Excellent surface

#### **Paints:**

- Natural coloring without pigment addition
- Excellent rheological properties
- Low abrasion values



V1 / 2020-09-24 / 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](mailto:info@alpha-calcit.de)

D-50997 Köln Otto-Hahn-Str. 9-11

Telefax: +49 2236 40644

Internet: [www.alpha-calcit.de](http://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.

