

# Nordkalk C-Series Specialty fillers

Nordkalk C-Series products are micronised calcium carbonate products ( $\text{CaCO}_3$ ) that are manufactured from high-quality calcite marble. The process involves removing impurities from the calcite using optical separation and foam flotation. The enriched calcite is dried and ground to the desired particle size in an enclosed fine grinding circuit. All of Nordkalk's C-Series products are manufactured in Lappeenranta and their special characteristic is a high degree of whiteness.



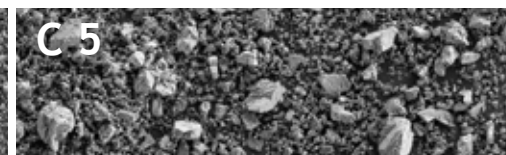
## Applications

Nordkalk C-Series products are used mainly as fillers in the chemical industry to create the desired characteristics in polymer compounds or to replace other raw materials, such as polymers and pigments, in order to reduce costs. The products are used especially in the paint, rubber, plastic and glue industries as a filler.

## Nordkalk C-Series

The Nordkalk C-Series product family consists of three products: Nordkalk C2, Nordkalk C5 and Nordkalk C7. The specific characteristics of Nordkalk C-Series products are presented in the table below. The products are available in large and small sacks and in bulk.

| NORDKALK C-SERIES                             | C2  | C5  | C7  |
|---|-----|-----|-----|
| Average grain size ( $d_{50}$ ) $\mu\text{m}$ | 2,5 | 5,0 | 7,0 |
| Cut point ( $d_{98}$ ) $\mu\text{m}$          | 10  | 22  | 30  |
| Lightness (Ry) %                              | 95  | 95  | 94  |
| Oil absorption value g/100g                   | 23  | 17  | 16  |



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# Nordkalk