

CALCICELL® PRODUCTS

Product Properties:

CALCICELL is a product family based on extremely pure and white natural crystalline calcium carbonate. In paper, **CALCICELL** combines high whiteness with chemical purity lowering abrasivity. With fineness below 2 microns **CALCICELL** is used as pulp and paper coating pigment. The ultrafine types help to concentrate solids and to save cost on drying.

WHITE PIGMENTS FOR PAPER PERFECTION

Key Benefits at a glance:

- Natural calcium carbonate
- Extremely high whiteness
- Exceptional chemical purity
- Low abrasivity
- 'Quartz-free'
- Fineness below 2 µm
- Applicable as paper coating pigment
- Free of germs and heavy metals



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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

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Introduction:

CALCICELL is produced from plain-white natural calcium carbonate by a new manufacturing process. Due to its extraordinary whiteness and its high specific surface, **CALCICELL 80 M** and **CALCICELL 60 M** are especially suitable as pigment for paper coatings. **CALCICELL 40 M** is a basic calcium carbonate for paper pulp and special paper coatings. Due to absence of quartz these products show low abrasivity.

Chemical and Physical Data:

Product	Primary particles < 2 µm [%]	Whiteness R-457 (Tappi)	Bulk density (untamped) [g/ml]	Paper coating	Pulp
CALCICELL 80 M	80	95	0.5	+	
CALCICELL 60 M	60	95	0.6	+	
CALCICELL 40 M	40	95	0.7	+	+

Application examples:

Paper production:

- Ultra high whiteness and fineness
- Pigments for pulp and coatings



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