FOAMCARB® PRODUCTS

Product Properties

FOAMCARB represents crystalline calcium carbonates based on extremely pure natural limestone. **FOAMCARB** is characterised by stable grain size distribution with well-defined top cut, optimised for different applications in latex articles, adhesives, thermosets and ceramics. **FOAMCARB** enhances the technological properties of the formulations and helps to reduce cost.

MORE THAN FIFTY SHADES OF GREY

Key Benefits at a glance

- Cost saving with natural product

- Extremely pure limestone

- Perfect PSD curve

- Well-defined top cut

- Improves mechanical properties

- Suitable for different applications

- Contributes to sustainability

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FOAMCARB® PRODUCTS

Introduction

FOAMCARB products are crystalline calcium carbonate obtained by dry milling of a washed, extremely pure limestone. Due to its double sifting **FOAMCARB** products are characterized by a steep PSD line. **FOAMCARB 401 E** can universally be used in latex formulations. Due to its particle size distribution, **FOAMCARB 401 W** is especially suitable for use in adhesives, thermosets as well as in the ceramic industry.

Chemical and Physical Data

Product	Particle size, [µm]	Whiteness Ry	Spec. surface Blaine [m²/g]	Moisture [%]	Bulk density (untamped) [g/ml]
FOAMCARB 401 W	0 - 50	70	0.7	< 0.2	0.9
FOAMCARB 401 E	0 - 90	50	0.4	< 0.2	1.0
FOAMCARB 505 W	0 - 90	70	0.5	< 0.2	1.0

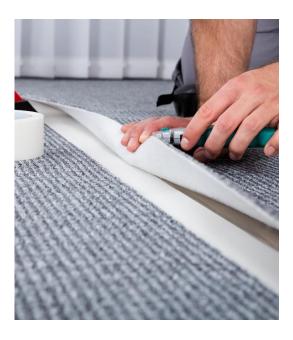## Application examples

Latex formulations, rubber articles:
- Useful properties: cost reduction, mechanical stability, stiffness adjustment.
- Stable quality based on stable PSD

Adhesives:
- One-component adhesives
- Crosslinking polymer preparations
- Enhanced rheological properties

Thermosets:
- Adjusted stability of end-product
- Reduction of costs