

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



V2 / 2020-09-08 / OK

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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 [m ² /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

