

CALCITUFT® PRODUCTS

Product Properties:

CALCITUFT are crystalline calcium carbonates based on natural pure limestone. **CALCITUFT** is characterised by stable particle size distribution with well-defined top cut, enhanced for different applications in latex articles, adhesives and carpets backing. **CALCITUFT** improves the technological (mechanical and rheological) properties of the formulations in combination with a cost reduction.

INTELLIGENT SOLUTIONS USING GRAY MATTER

Key Benefits at a glance:

- Cost saving
- Extremely pure limestone
- Contributes to sustainability
- Stable PSD curve
- Well-defined top cut
- Enhanced rheology
- Suitable for latex, adhesives, carpets



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CALCITUFT® PRODUCTS

Introduction:

CALCITUFT are powdered crystalline calcium carbonates based on a washed, extremely pure limestone. Due to double sifting **CALCITUFT** is characterized by a steep PSD curve. Due to its particle size distribution, **CALCITUFT** has wide usage in latex mixtures, carpets and rubber articles.

Chemical and Physical Data:

| Product | Sieve residue >90 µm [%] | Whiteness Ry | Spec. surface Blaine [m ² /g] | Moisture [%] | Bulk density (untamped) [g/ml] |
|------------------------|--------------------------|--------------|------------------------------------------|--------------|--------------------------------|
| <i>CALCITUFT 905 W</i> | 0 – 90 | 68 | 0.4 | < 0.2 | 1.1 |
| <i>CALCITUFT 912 W</i> | 0 - 200 | 68 | 0.2 | < 0.2 | 1.1 |

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

Carpets and rugs:

- Adjusted stability of end-product
- Cost reduction

