

ALPHA TALC CT P FOR PAINTS

Product Properties:

ALPHA TALC CT P is a functional filler with high whiteness, offering the option to enhance significantly several useful properties of paints. Due to special milling procedure, the natural lamellarity of the talc is kept. Addition of **ALPHA TALC CT P** to paints helps to save cost through reduction of organic solvents in paint formulation, what decreases VOC in these products. Application of this functional filler enhances important mechanical and thermal properties of paint formulations. Talc addition plays an important role in various paints applications: decorative paints, wall paints, wood lacquers, printing inks and industrial paints and coatings with improvement of the mud cracking resistance of the end-products.

EVERY BIG BAG SAVES YOU MONEY

Key Benefits at a glance:

- Expanded range of application in paints
- Excellent rheological properties
- High whiteness of powder
- Increasing of the mechanical stability
- Perfection of the mud cracking resistance
- Reduction of the permeability
- Development of the weather-resistance
- Enhancement of thermal properties



Picture: pawel-czerwinski-XfktMPNJedY-unsplash

2019-08-29/Version 1/OK

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Introduction:

Due to platy-shaped particles, **ALPHA TALC CT P** acts as functional filler in paints by creation of bridges between the polymeric binder molecules. The application of this material as filler increase the mud cracking resistance and the physical stability of paint film during and after drying.

Mineralogical composition:

Talc – 95 %; Magnesite /Dolomite / Chlorit < 3 %; accessory minerals – 2 %.

LOI₁₀₀₀ = 6 %

Physical Data:

	D ₅₀ [µm]	Ry	Top cut = Sieve residue [%]					BET [m ² /g]
			> 32 µm	> 40 µm	> 63 µm	> 71 µm	> 125 µm	
ALPHA TALC CT 8 P	2,8	96	< 0,1					20
ALPHA TALC CT 15 P	3,0	95		< 0,1				15
ALPHA TALC CT 30 P	6,0	95			< 0,1			10
ALPHA TALC CT 45 P	6,0	95				< 0,1		10
ALPHA TALC CT 60 P	6,5	93					< 0,1	5

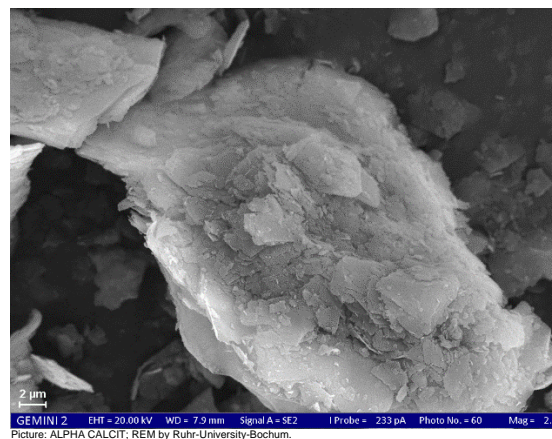
Application examples:

Paints:

- Excellent rheological properties
- Low abrasion values

Special coatings:

- Enhanced reinforcing properties
- High filling degree of end-product
- Reduction of shrinkage



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