

ALPHA TALC CT X FOR PAINTS

Product Properties:

ALPHA TALC CT X is a functional white filler, offering the option to enhance significantly several useful properties of paints, by cost reduction. Due to special milling procedure, the natural lamellarity of the talc is kept. Addition of **ALPHA TALC CT X** to paints helps to be efficient 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
- Reduction of cost due to optimal properties
- Increasing of the mechanical stability
- Perfection of the mud cracking resistance
- Excellent rheological properties
- Advance of the UV- and weather-resistance
- Enhancement of thermal properties
- Improvement of the coating film adhesion



Picture: theme-photos-CI-OpYWFfM0-unsplash

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Introduction:

Due to platy-shaped particles, **ALPHA TALC CT X** 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 = 6,5 %

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 X	2,8	90	< 0,1					20
ALPHA TALC CT 15 X	3,0	90		< 0,1				15
ALPHA TALC CT 30 X	6,0	90			< 0,1			10
ALPHA TALC CT 45 X	6,0	90				< 0,1		10
ALPHA TALC CT 60 X	6,5	90					< 0,1	5

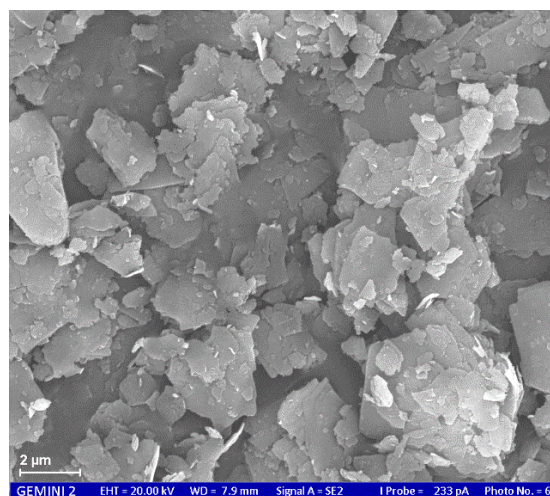
Application examples:

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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