

PRODUCT SHEET

Impexinvest LLC supplies microtalc for the production of paint materials of the A-20 trademark. This trademark of microtalc can be used as a filler of a wide range of coatings (paints, lacquers, enamels, special corrosion-resistant and heat-resistant coatings, primers, fillers, glues, mastics, sealants, etc.).

Microtalc Talkon A-20 is soft, very white, chemically stable, fine talc powder of exceptional pureness with very low iron content.

The advantages of this trademark of microtalc are the following:

- High brightness and optimal grain size contribute to the high hide and the opacity of coatings;
- Plate shape of particles improves the mechanical properties of the film and reduces the permeability of coatings;
- High chemical resistance and hydrophobicity increase the corrosion-resistant properties;
- Chemical inertness improves the protective properties and provides excellent interaction with other active ingredients;
- Lack of amphibole and crystalline silica, low content of heavy metals can create safe and environmentally friendly products;
- Low abrasiveness reduces the run-out of the equipment;
- Improves the rheological properties of compositions, prevents the formation of streaks, flake, sedimentation;
- Allows to adjust the degree and nature of the polishing material, improves the appearance and durability of coatings;
- Increases resistance to ultraviolet irradiation and degradation caused by high temperatures.

Typical technological indexes of quality for TALCON mark A-20 (TOR 5727-001-49439345-02)

№	Parameter	TALCON for paint A-20
1.	Mineralogy, X-ray Diffraction	
	Talc	99
	Chlorite	1
2.	Chemical Properties	
	SiO ₂ , %	62
	MgO, %	32
	Fe ₂ O ₃ , %	0,5
	Al ₂ O ₃ , %	0,5
3.	Other organic admixture, %	3
4.	Other inorganic admixture, %	2
5.	Physical and other characteristics	
	Density, g/cm ³	0,2 ÷ 0,4
	pH Index	7 ÷ 8
6.	Particle Size Distribution («Fritch Analizette 22»), μ	
	D ₉₈	20
	D ₅₀	6
7.	Whiteness, ISO 787/1	
	whiteness (L * CIE Lab), %	>96
8.	Particle Size Distribution, >0045 μ, GOST 6613-86, %, max	0,1
9.	Specific Surface, BET, m/g ²	6,6
10.	Whiteness (R 457), %	>60
11.	Oil absorption	48