

PRODUCT SHEET

Impexinvest LLC supplies talc powder for the production of ceramics of the TMK-28 trademark. This trademark of talc is a reinforcing filler in the production of ceramic tiles, glassware, white ware, sanitary ware, and electroceramics. Also it is used as a filler for glaze.

Talc powder TMK-28 is soft, white, chemically stable talc powder with low content of impurities. The advantages of this trademark of talc are the following:

- Increase of strength and heat resistance;
- Improvement of insulating properties;
- Lack of amphibole and crystalline silica, very low content of heavy metals, which allows creating safe and environmentally friendly products.

Typical technological indexes of quality for mark talc TMK-28 (GOST 19284-79):

№	Parameter	TMK-28
1.	Mineralogy,	
	Talc	82
	Chlorite	11
	Dolomite	3
	Quartz	4
2.	Chemical Properties	
	SiO ₂ , %	53
	MgO , %	30
	Fe ₂ O ₃ , %	2,0
	Al ₂ O ₃ , %	4,0
	Content MgO , %	28,0
	Content CaO , %	1,0
	Content Fe ₂ O ₃ , %	5,0
	Other organic admixture, %	7,0
	Other inorganic admixture, %	4,0
	Water-soluble materials	-
3.	Physical and other characteristics	
	Density, g/cm ³	0,4÷0,5
	pH Index	7÷9
	Moisture, %	1,0
4.	Particle Size Distribution («Fritch Analizette 22»), μ	
	D ₉₈	140
5.	Whiteness, ISO 787/1	
	whiteness (L * CIE Lab) , %	>89
7.	Loss Of Ignition	8