

PRODUCT SHEET

Impexinvest LLC supplies talc powder for the production of tires and general mechanical rubber goods of the TRPV and TRPN trademarks. These trademarks of talc are reinforcing, inactive, inert fillers in the production of ebonite rubber and general mechanical rubber goods for mass consumption. Talc of the TRPV and TRPN trademarks is used as fillers in tire production, as well as for powdering newly-made rubbers, blends, blanks and forms in the production.

The advantages of these trademarks of talc are the following:

- Action of the reinforcing agent;
- Increase of heat resistance;
- Improvement of insulating properties;
- Improvement of dielectric properties;
- Prevention from blocking and adhesion of materials;
- Lack of amphibole and crystalline silica, very low content of heavy metals can create safe, environmentally friendly products.

Typical technological indexes of quality for mark TRPN и TRPV (GOST 13145-67):

№	Parameter	Talc Powder for rubber goods	
		TRPV	TRPN
1.	Mineralogy,		
	Talc	91	95
	Chlorite	3	1
	Dolomite	2	1
	Magnesite	2	1
2.	Chemical Properties		
	SiO ₂ , %	59	60
	MgO , %	31	31
	Fe ₂ O ₃ , %	0,5	0,2
	Al ₂ O ₃ , %	0,5	3,0
	CaO , %	0,4	0,2
	Water-soluble materials	0,4	0,2
3.	Physical and other characteristics		
	Density, g/cm ³	0,4	0,4
	pH Index	8,5	8,5
	Moisture, %	1	0,5
	Index of refraction (R 457), %	>70	>70
	Specific Gravity, g/cm ³	2,8	2,8
	Insolubility in the HCl	87	87
	Mass stake of iron, extractive a magnet, %	0,08	0,04
4.	Particle Size Distribution («Fritch Analizette 22»), μ		
	D ₉₈	45	45
	Mesh 0045 μ, max	-	2
	Mesh 009 μ, max	-	2
5.	Whiteness, ISO 787/1		
	whiteness (L * CIE Lab) , %	-	-
6.	Loss of Ignition	8	7