



WHITE CARBON U-333

CAS № 7631-86-9

TU 2168-016-00204872-2003

revision 1-2



## Technical properties:

Indicator description	White carbon U-333
Appearance	Powder and fragile white lumps
Mass fraction of silicon dioxide, %, min	88
Mass fraction of moisture, %, max	6.5
Mass fraction of chloride calculated as chlorine (Cl <sup>-</sup> ), %, max	0.1
pH of water extraction	7.0 – 8.5
Mass fraction of residue on mesh sieve 014A according to GOST 6613, %, max	0.02
Bulk density, g/dm <sup>3</sup> , for uncondensed for condensed	120 – 180 180 – 200
Mass fraction of calcium and magnesium calculated as calcium oxide, %, max	0.3
Specific surface area by adsorption of phenol, m <sup>2</sup> /g	30 ÷ 60

**DESCRIPTION.** White carbon is a fine precipitated silicon dioxide.

**APPLICATION.** White carbon U-333 is used as a reinforcing filler material in the production of special rubber in rubber industry and for other purposes.

**CERTIFICATION.** Product Safety is confirmed by passport Material Safety Data Sheet. The product is not subject to mandatory confirmation of conformity by certification or declaration.

**TRANSPORTATION.** White carbon is transported by any type of transport in accordance with the Regulations on cargo transportation that are valid for a certain type of transport.

**PACKING.** White carbon U-333 is packed in laminated paper or polypropylene bags up to 20 kg or in soft specialized disposable containers type MKR-1.0C. White carbon is stored in closed storage facilities. Storage of the product in warehouses with dirt floors and in outdoor areas is prohibited.

**GUARANTEED SHELF LIFE.** Guaranteed shelf life for white carbon U-333 is 6 months from the date of manufacture.

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