



ACTIVE FILLERS (WHITE CARBON)
BS-100, BS-120

CAS №7631-86-9
 TU 2168-003-00204872-2011
 revision 1



Technical properties:

Indicator description	Active filler BS-100	Active filler BS-120
Appearance	Powder and fragile white lumps	Powder and fragile white lumps
Mass fraction of silicon dioxide, %, min	90	90
Mass fraction of moisture, %, max	6,5	6,5
Weight loss on ignition, %	4,0 – 7,0	3,5 – 7,0
Mass fraction of iron calculated as iron oxide, %, max	0,15	0,17
Mass fraction of aluminium calculated as aluminium oxide, %, max	0,15	0,10
Mass fraction of chlorides (Cl ⁻), % max	1,0	1,0
Mass fraction of sulphate (SO ₄ ²⁻), % max	Не нормируется	0,2
Mass fraction of calcium and magnesium calculated calcium oxide, %, max	0,8	0,8
Mass fraction of alkalinity calculated as sodium oxide, %, max	Не нормируется	1,1
pH of water extraction for powdery	7,0 – 8,5	8,0 – 9,5
Bulk density, g/dm ³ for uncondensed	—	120 – 180
for condensed	170 – 220	—
Specific surface area by adsorption of phenol, m ² /g	100 ± 20	120 ± 20
Mass fraction of residue on mesh sieve 014A according to GOST 6613, %, max	0,10	0,02

DESCRIPTION. Active fillers (white carbon) is a fine precipitated silicon dioxide.

APPLICATION. Active fillers are used as a reinforcing filler material for synthetic and polymer materials in tire, chemical, light industries, in industrial rubber goods and in other industries.

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. The product is transported by any type of transport in accordance with the Regulations on cargo transportation that are valid for certain type of transport.

PACKING. Active fillers are packed in four-layer laminated bags. One layer is made of paper laminated with polyethylene (weight of bag is 20 kg max). Can be packed in disposable soft containers up to 1000 kg.

GUARANTEED SHELF LIFE. Guaranteed shelf life for active fillers is 6 months from the date of manufacture.

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