

2.3.1.3 Chemically precipitated chalk (TU 84-07509103.671-2014)

As related to physical and chemical parameters, chemically precipitated chalk shall comply with the requirements specified in Table 4.

Table 4

Parameter	Standard value
Whiteness, %, min.	93
Weight ratio of calcium carbonate and magnesium carbonate in terms of calcium carbonate, %, min.	98.5
Weight ratio of free alkali in terms of calcium oxide, %, max.	0.03
Weight ratio of substances insoluble in hydrochloric acid, %, max.	0.1
— including the weight ratio of sand, %, max.	0.014
Weight ratio of ferrum and aluminum sesquioxide, %, max.	
including the weight ratio of ferrum in terms of Fe_2O_3 , %, max.	0.1
Weight ratio of manganese, %, max.	0.01
Weight ratio of copper, %, max.	0.0005
Moisture content, %, max.	0.5
Residue on the sieve with a mesh with the cell size of 0.045 mm after screening, %, max.	0.4
Bulk density, g/cm^3 , max.	0.25