

PZT I-100

Standard notation: ПЦТ I-100

All shipments from

01.10.2020 to 01.05.2021

Chemical composition:

	Typical data ²	Specification ГОСТ 1581-96
Cement		
SO ₃ , %	2,5	≤ 3,5
Chlorine ion Cl ⁻ , %	0,02	≤ 0,1
Loss on ignition, %	0,6	≤ 5,0
Insoluble residue, %	0,6	≤ 5,0
SiO ₂ , %	21,6	NR
Al ₂ O ₃ , %	4,1	NR
Fe ₂ O ₃ , %	4,5	NR
CaO, %	62,2	NR
MgO, %	3,2	NR
Na ₂ O-equivalent, %	0,62	NR

Clinker

C ₃ S, %	62,5	NR
C ₂ S, %	15,0	NR
C ₄ AF, %	12,5	NR
C ₃ A, %	5,5	NR
MgO %	3,3	≤ 5,0

Physical properties:

Specific Surface Area (Blaine), m ² /kg	360	≥ 250
Free fluid, ml	3,8	≤ 8,7
Flowability, mm	262	≥ 200
Thickening time to 30 Bc/75°C, min	108	≥ 90
Flexural strength 24h/75°C, MPa	8,0	≥ 3,5

Safety characteristics:

Specific effective activity of natural radionuclides, Bq/kg	92	≤ 370
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Average results of conformity testing in accordance with ГОСТ 310.2-76, ГОСТ 5382-91 and ГОСТ 26798.1-96

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