

PZT II-50

Standard notation: ПЦТ II-50

All shipments from **01.10.2020** to **01.05.2021**

Chemical composition:

	Typical data ²	Specification ГОСТ 1581-96
Cement		
Content of additives: Limestone+Pozzolana, %	6,8	6-20
SO ₃ , %	2,2	≤ 3,5
Chlorine ion Cl ⁻ , %	0,02	≤ 0,1
Loss on ignition, %	1,2	NR
Insoluble residue, %	n.m.	NR
SiO ₂ , %	22,5	NR
Al ₂ O ₃ , %	4,2	NR
Fe ₂ O ₃ , %	4,4	NR
CaO, %	61,1	NR
MgO, %	3,2	NR
Na ₂ O-equivalent, %	0,67	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:

Grinding thickness, %	1,3	≤ 12
Free fluid, ml	2,5	≤ 8,7
Flowability, mm	243	≥ 200
Thickening time to 30 Bc/22°C, min	488	≥ 90
Flexural strength 48h/22°C, MPa	4,8	≥ 2,7

Safety characteristics:

Specific effective activity of natural radionuclides, Bq/kg	100,8	≤ 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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