HOLCIM

Kujawy Cement Plant

Holcim Polska S.A.
Kujawy Cement Plant tel.: (52) 58 65 000, fax: (52) 58 65 011
Technical Support tel.: (41) 24 87 533, fax: (41) 24 87 531

Quality Certificate of cement

Type of cement : **CEM V/A (S-V) 42,5N-LH/HSR/NA** **Requirements acc. to: EN 197-1:2011**

Values obtained for the period of: **October 2026**

	Unit	Results	Requirements acc. to: EN 197-1:2011
1.Properties (by standards)			
Compressive strength Early strength, after 2 days Standard strength, after 28 days (results from previous month)	 MPa MPa	 19,8 58,8	 ≥ 10 ≥ 42,5 i ≤ 62,5
Initial setting time	min	258	≥ 60
Expansion of cement	mm	0,4	≤10
Sulfate content (as SO_3)	%	2,66	≤ 3,5
Chloride content Cl^-	%	0,069	≤ 0,10
Heat of hydration after 41 h [a)]	J/g	254	≤ 270
2. Additional information			
Laser particle size distribution passing 8 µm/32 µm	%	41/88	-

a)only for cements according to standard PN-B-19707:2013-10

Anna Kozłowska
Kierownik Jakości
Cementownia Kujawy w Bielawach

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stamp/signature