



Asia West Cement Complex

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Product Specifications

Badavam Cement of Asia West	Standard
CEM II/A-M(S-P-L)-42.5 N	BS EN 197-1
CEM II/A-M(S-P-L)-42.5 N	INSO 17518-1

Cement Chemical Composition, %wt

Components	AWCC Range	Common Requirement INSO 17518-1
SiO ₂	Max 23.0	-
Al ₂ O ₃	Max 5.5	-
Fe ₂ O ₃	Max 4.5	-
CaO	-	-
MgO	Max 3.0	-
SO ₃	Max 3.5	Max 3.5
Total alkali	Max 0.9	-
(LOI) Loss on ignition	Max 5.0	-
(IR) Insoluble residue	-	-
(LSF) Lime saturation factor	-	-
(C ₃ S) Tricalcium silicate	-	-
(C ₂ S) Dicalcium silicate	-	-
(C ₃ A) Tricalcium aluminate	-	-
(C ₄ AF) Tetracalcium aluminoferrite	-	-

Cement Physical and Mechanical Specifications

Specification surface (Blaine), m ² /Kg	Min 355	-
Autoclave expansion, %	Max 0.04	Max 0.8
Autoclave shrinkage, %	Max 0.02	Max 0.2
Residue on sieve 45 micron, %	Max 10.0	-
Initial setting time, minutes	Min 120	Min 60
Final setting time, minutes	Max 260	-
Normal Consistency, %	Max 27	Max 30
Compressive strength, MPa		
2 days	Min 15.0	Min 10.0
7 days	-	-
28 days	Min 43.0	Min 42.5, Max 62.5

- Calculation of potential cement phase composition, statistical conformity criteria and uncertainties are according to EN standard.

Q.C Manager :



Direct Manager :



شرکت سیمان غرب
تأسیسات
تأریخ: ۷۷۱۰۰

