



CLINKER SPECIFICATION

ITEM	UNIT	DATA TOLERANCE	Factory
		RANGE (GB 175-1999 standard)	Typical data
CaO	%	64.00-65.00	64.7
SiO ₂	%	21.00-22.00	19.73
AL ₂ O ₃	%	4.00-5.50	5.3
Fe ₂ O ₃	%	2.00-4.00	3.53
MgO	%	3.00-4.00	3.5
SO ₃	%	≤1.00	0.56
Na ₂ O+0.658K ₂ O	%	≤1.00	0.5
I.R.	%	≤0.50	0.3
LOSS	%	≤1.00	0.27
f-CaO	%	≤1.50	0.58
C ₃ S	%	48.00-60.00	57.39
C ₂ S	%	15.00-25.00	13.27
C ₃ A	%	5.50-9.50	8.85
C ₄ AF	%	6.00-10.00	8.03
Setting time	initial	≥45 min	90 min
	Final	≤390 min	162 min
Compressive Strenght	3 days	≥28Mpa	28
	28 days	≥55Mpa	57.4

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