

WHITE CEMENT SPECIFICATION

WHITE CEMENT

Product Details

Product

WHITE CEMENT

Usage

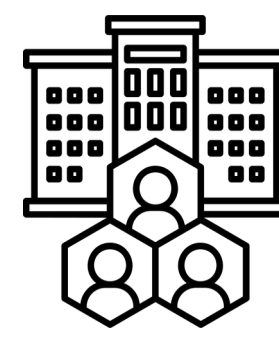
decorative

Packing

PP Bag 25,50 KG

Jumbo Bags 1, 1 5, 2 tons



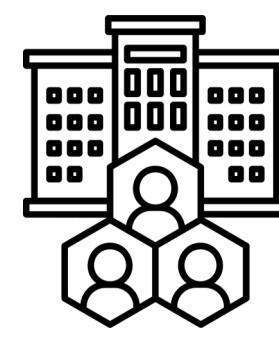


WHITE CEMENT SPECIFICATION

WHITE CEMENT

Part 1: Chemical Test

<u>Test Parameters</u>	<u>Method</u>	<u>Value</u>	<u>Tolerance</u>
Chemical Test			
Silicon Dioxide (SiO ₂)	EN 197-1, 42.5	21-22	*
Aluminum Oxide (Al ₂ O ₃)	EN 197-1, 42.5	5-5.4	*
Ferric Oxide (Fe ₂ O ₃)	EN 197-1, 42.5	0.38-0.42	*
Calcium Oxide (CaO)	EN 197-1, 42.5	64-65	*
Magnesium Oxide (MgO)	EN 197-1, 42.5	2-2.7	Max 5
Sulfur Trioxide (SO ₃)	EN 197-1, 42.5	2.2-3	Max 4
Na ₂ O	EN 197-1, 42.5	0.25-0.35	*
K ₂ O	EN 197-1, 42.5	0.1-0.15	*
Loss on Ignition (LOI)	EN 197-1, 42.5	2-2.9	Max 5
Whiteness	EN 197-1, 42.5	90-92	*
Tricalcium Silicate (C ₃ S)	Bouge Method	53-60	*



WHITE CEMENT SPECIFICATION

WHITE CEMENT

Part 2: Chemical Test

<u>Test Parameters</u>	<u>Method</u>	<u>Value</u>	<u>Tolerance</u>
Physical Test			
Dicalcium Silicate (C ₂ S)	Bouge Method	17-24	*
Tricalcium Aluminate (C ₃ A)	Bouge Method	12.5-13.5	*
Calcium Alumino Ferrite (C ₄ AF)	Bouge Method	1.1-1.4	*
Physical Test			
Blaine (Cm ² /g)	EN 197-1, 42.5	3800-4200	Min 3000
Setting Time (m)			
Initial	EN 197-1, 42.5	70-90	*
Final	EN 197-1, 42.5	110-150	*
Compressive Strength (Kg/(Cm ²))			
3 Day	EN 197-1, 42.5	220-260	*
7 Day	EN 197-1, 42.5	300-350	*
28 Day	EN 197-1, 42.5	420-470	Min 425
Specific Gravity (g/Cm ³)	EN 197-1, 42.5	3.12	*