

Cement type: CEM I OPC 42,5 R

Standard: EN 197-1 : 2000

Origin: Turkey

Packaging: 50 kg paper bags, 1.5 tons, big bags and is also sold in bulk

Chemical properties (*)	Analysis Results	Standard	Unit
SiO ₂	20,02		%
Fe ₂ O ₃	3,52		%
Al ₂ O ₃	5,16		%
CaO	63,46		%
MgO	1,03	Max 5,0	%
SO ₃	2,74	Max 4,0	%
Loss on Ignition	2,35	Max 5,0	%
Insoluble Residue	0,55		%
Free Lime	1,2		%
Overall Alkali (Na ₂ O rate)	0,61		%
Total contribution	4,40		%

Physical properties (*)	Analysis Results	Standard	Unit
Initial Setting Time	180	Min 60	minutes
Final Setting Time	280	-	minutes
Specific gravity	3,124	-	g/cm ³
Increase in Volume	1,1	Max 10	mm
2 Days Strength	29,9	Min 20	N/mm ²
28 Days Strength	55,9	42,5 - 62,5	N/mm ²

