

Product Specification  
**Portland Cement Type II**

Chemical Analysis	
Element	Result
SiO <sub>2</sub>	21.10
Al <sub>2</sub> O <sub>3</sub>	4.80
Fe <sub>2</sub> O <sub>3</sub>	3.65
CaO	64.50
MgO	2.10
SO <sub>3</sub>	2.20
Cl	0.025
Loss of Ignition	1.40
Insoluble Residue	0.40
Free CaO	1.30
Total Alkalis	0.75
C <sub>3</sub> A	6.00
Cr <sup>+6</sup>	≤ 0.009

Physical Analysis									
Element	Blaine (cm <sup>2</sup> /gr)	Initial setting time (min)	Final setting time (min)	Compressive strength (kg/cm <sup>2</sup> )				Autoclave Expansion (%)	Soundness (Expansion) (mm)
				2 days	3 days	7 days	28 days		
Result	3300	561	220	180	230	370	500	0.08	1.50

Note: This a typical specification. For your order, we'll send the specific one.