



Portland cement specifications

Grade		52.5		
		GB175-1999 Standard	Factory testing result	
soundness (%)		Pass	Pass	
SO ₃ (%)		≤ 3.5	≤ 3.4	
MgO (%)		≤ 5.0	≤ 3.0	
Fineness (%)		≤ 10.0	≤ 5.0	
Loss on Ignition (%)		≤ 5.0	≤ 4.0	
Time of Setting (min.)	Initial setting time	≥ 45.0	≥ 45.0	
	Final setting time	≤ 600.0	≤ 270.0	
Strength (Mpa)	Flexural strength	3 days	≥ 4.0	≥ 4.5
		28 Days	≥ 7.0	≥ 8.0
	Compressive strength	3 days	≥ 22.0	≥ 24.0
		28 Days	≥ 52.5	≥ 56.0

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