

Type II - ASTM C 150

| Standard specification | Result | specifics |
|------------------------|-------------------------|--------------------------------|
| chemical composition | | |
| | 20.43% | SiO ₂ |
| Max 6.0 | 4.82% | Al ₂ O ₃ |
| Max 6.0 | 3.75% | Fe ₂ O ₃ |
| | 62.20% | CaO |
| Max 6.0 | 1.27% | MgO |
| Max 3.0 | 2.47% | SO ₃ |
| | 0.23% | K ₂ O |
| | 0.40% | Na ₂ O |
| < 0.10 | 0.03% | CL |
| | 1.75 ppm | Cr+6 |
| Max 0.75 | 0.58% | Insoluble residue |
| Max 3.0 | 2.49% | Loss on ignition |
| | 48.35% | C ₃ S |
| | 23.04% | C ₂ S |
| Max 8 | 6.43% | C ₃ A |
| | 11.41% | C ₄ AF |
| Physical properties | | |
| 2800 | 3250 cm ² /g | Fineness (Blaine) |
| Compressive strength | | |
| Min 10 | 22.6 Mpa | 3 Days |
| Min 17 | 32.5 Mpa | 7 Days |
| Min 45 | 185 Minutes | Initial Setting Time |
| Min 375 | 285 Minutes | Final Setting Time |
| | 0.51% | Free Lime |