**Lafarge Cement Company**

CEM II/B-S (Portland au laitier )

Période: 2025-01-07 à 2025-02-01

**Données Statistiques**

Nombre d'échantillons: 6

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| **Statistique** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| **Nombre** | 6,000 | 6,000 | 5,000 | 6,000 | 6,000 | - | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 |
| **Min** | 10.800 | 26.100 | 40.700 | 133.000 | 0.300 | - | 4.780 | 4.630 | 2.170 | 0.002 | 35.000 |
| **Max** | 16.100 | 31.400 | 43.900 | 140.000 | 0.600 | - | 5.220 | 5.230 | 2.450 | 0.006 | 35.000 |
| **Moyenne** | 13.700 | 28.567 | 42.020 | 136.167 | 0.483 | - | 4.990 | 4.962 | 2.283 | 0.004 | 35.000 |
| **Écart type** | 1.804 | 1.724 | 1.388 | 2.267 | 0.090 | - | 0.147 | 0.188 | 0.090 | 0.002 | 0.000 |

**CLASSE 32.5 L**

|  |  |  |  |  |  |  |  |  |  |  |  |
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| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | - | - | - | - | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | - | - | - | - | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | - | - | - | - | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | - | - | - | - | - | - | - | 0.1 | 35 |
| N < LS(RC+DP) | - | - | - | - | - | - | - | - | - | 0 | 0 |
| % < LS(RC+DP) | - | - | - | - | - | - | - | - | - | 0.0 | 0.0 |
| Limite garantie (LG) | - | - | - | - | - | - | - | - | - | 0.1 | - |
| N < LG(RC+DP) | - | - | - | - | - | - | - | - | - | 0 | - |
| % < LG(RC+DP) | - | - | - | - | - | - | - | - | - | 0.0 | - |

**CLASSE 32.5 N**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | - | 16 | 32.5 | 75 | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | - | 0 | 0 | 0 | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | - | 0.0 | 0.0 | 0.0 | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | 52.5 | - | 10 | - | - | - | 3.5 | 0.1 | 35 |
| N < LS(RC+DP) | - | - | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| % < LS(RC+DP) | - | - | 0.0 | - | 0.0 | - | - | - | 0.0 | 0.0 | 0.0 |
| Limite garantie (LG) | - | 14 | 30.0 | 60 | 10 | - | - | - | 4 | 0.1 | - |
| N < LG(RC+DP) | - | 0 | 0 | 0 | 0 | - | - | - | 0 | 0 | - |
| % < LG(RC+DP) | - | 0.0 | 0.0 | 0.0 | 0.0 | - | - | - | 0.0 | 0.0 | - |

**CLASSE 32.5 R**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | 10 | - | 32.5 | 75 | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | 0 | - | 0 | 0 | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | 0.0 | - | 0.0 | 0.0 | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | 52.5 | - | 10 | - | - | - | 3.5 | 0.1 | 35 |
| N < LS(RC+DP) | - | - | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| % < LS(RC+DP) | - | - | 0.0 | - | 0.0 | - | - | - | 0.0 | 0.0 | 0.0 |
| Limite garantie (LG) | 8 | - | 30.0 | 60 | 10 | - | - | - | 4 | 0.1 | - |
| N < LG(RC+DP) | 0 | - | 0 | 0 | 0 | - | - | - | 0 | 0 | - |
| % < LG(RC+DP) | 0.0 | - | 0.0 | 0.0 | 0.0 | - | - | - | 0.0 | 0.0 | - |

**CLASSE 42.5 L**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | - | - | - | - | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | - | - | - | - | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | - | - | - | - | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | - | - | - | - | - | - | - | 0.1 | 35 |
| N < LS(RC+DP) | - | - | - | - | - | - | - | - | - | 0 | 0 |
| % < LS(RC+DP) | - | - | - | - | - | - | - | - | - | 0.0 | 0.0 |
| Limite garantie (LG) | - | - | - | - | - | - | - | - | - | 0.1 | - |
| N < LG(RC+DP) | - | - | - | - | - | - | - | - | - | 0 | - |
| % < LG(RC+DP) | - | - | - | - | - | - | - | - | - | 0.0 | - |

**CLASSE 42.5 N**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | 10 | - | 42.5 | 60 | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | 0 | - | 3 | 0 | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | 0.0 | - | 60.0 | 0.0 | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | 62.5 | - | 10 | - | - | - | 3.5 | 0.1 | 35 |
| N < LS(RC+DP) | - | - | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| % < LS(RC+DP) | - | - | 0.0 | - | 0.0 | - | - | - | 0.0 | 0.0 | 0.0 |
| Limite garantie (LG) | 8 | - | 40.0 | 50 | 10 | - | - | - | 4 | 0.1 | - |
| N < LG(RC+DP) | 0 | - | 0 | 0 | 0 | - | - | - | 0 | 0 | - |
| % < LG(RC+DP) | 0.0 | - | 0.0 | 0.0 | 0.0 | - | - | - | 0.0 | 0.0 | - |

**CLASSE 42.5 R**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | 20 | - | 42.5 | 60 | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | 6 | - | 3 | 0 | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | 100.0 | - | 60.0 | 0.0 | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | 62.5 | - | 10 | - | - | - | 4 | 0.1 | 35 |
| N < LS(RC+DP) | - | - | 0 | - | 0 | - | - | - | 0 | 0 | 0 |
| % < LS(RC+DP) | - | - | 0.0 | - | 0.0 | - | - | - | 0.0 | 0.0 | 0.0 |
| Limite garantie (LG) | 18 | - | 40.0 | 50 | 10 | - | - | - | 4.5 | 0.1 | - |
| N < LG(RC+DP) | 6 | - | 0 | 0 | 0 | - | - | - | 0 | 0 | - |
| % < LG(RC+DP) | 100.0 | - | 0.0 | 0.0 | 0.0 | - | - | - | 0.0 | 0.0 | - |

**CLASSE 52.5 L**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | - | - | - | - | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | - | - | - | - | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | - | - | - | - | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | - | - | - | - | - | - | - | 0.1 | 35 |
| N < LS(RC+DP) | - | - | - | - | - | - | - | - | - | 0 | 0 |
| % < LS(RC+DP) | - | - | - | - | - | - | - | - | - | 0.0 | 0.0 |
| Limite garantie (LG) | - | - | - | - | - | - | - | - | - | 0.1 | - |
| N < LG(RC+DP) | - | - | - | - | - | - | - | - | - | 0 | - |
| % < LG(RC+DP) | - | - | - | - | - | - | - | - | - | 0.0 | - |

**CLASSE 52.5 N**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | 20 | - | 52.5 | 45 | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | 6 | - | 5 | 0 | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | 100.0 | - | 100.0 | 0.0 | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | - | - | 10 | - | - | - | 4 | 0.1 | 35 |
| N < LS(RC+DP) | - | - | - | - | 0 | - | - | - | 0 | 0 | 0 |
| % < LS(RC+DP) | - | - | - | - | 0.0 | - | - | - | 0.0 | 0.0 | 0.0 |
| Limite garantie (LG) | 18 | - | 50.0 | 40 | 10 | - | - | - | 4.5 | 0.1 | - |
| N < LG(RC+DP) | 6 | - | 5 | 0 | 0 | - | - | - | 0 | 0 | - |
| % < LG(RC+DP) | 100.0 | - | 100.0 | 0.0 | 0.0 | - | - | - | 0.0 | 0.0 | - |

**CLASSE 52.5 R**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paramètre** | **RC2J** | **RC7J** | **RC28J** | **Prise** | **Stabilité** | **Hydratation** | **P. Feu** | **R. Insoluble** | **SO3** | **Chlorure** | **Ajt(s-l)** |
| Limite inférieure (LI) | 30 | - | 52.5 | 45 | - | - | - | - | - | - | 21 |
| N < LI(RC+DP) | 6 | - | 5 | 0 | - | - | - | - | - | - | 0 |
| % < LI(RC+DP) | 100.0 | - | 100.0 | 0.0 | - | - | - | - | - | - | 0.0 |
| Limite supérieure (LS) | - | - | - | - | 10 | - | - | - | 4 | 0.1 | 35 |
| N < LS(RC+DP) | - | - | - | - | 0 | - | - | - | 0 | 0 | 0 |
| % < LS(RC+DP) | - | - | - | - | 0.0 | - | - | - | 0.0 | 0.0 | 0.0 |
| Limite garantie (LG) | 28 | - | 50.0 | 40 | 10 | - | - | - | 4.5 | 0.1 | - |
| N < LG(RC+DP) | 6 | - | 5 | 0 | 0 | - | - | - | 0 | 0 | - |
| % < LG(RC+DP) | 100.0 | - | 100.0 | 0.0 | 0.0 | - | - | - | 0.0 | 0.0 | - |