

Product Technical Data

AS1672.1

Industrial Hydrated Lime



Product Technical Data

Chemical Properties

| Parameter | Units | Minimum ¹ | Typical | Maximum ¹ | AS1672.1 limit | Test Method |
|-------------------------------|-------|----------------------|---------|----------------------|----------------|-------------|
| Available Ca(OH) ₂ | % | 80 | 83 | 85 | ≥65 | AS4489.6.1 |
| CO ₂ | % | 0 | 0.5 | 1.5 | ≤4 | AS4489.5.1 |
| CaO | % | 63 | 65 | 67 | | AS4489.5.1 |
| MgO | % | 3.90 | 4.05 | 4.15 | | AS4489.5.1 |
| Loss on ignition | % | 20.5 | 22.0 | 23.5 | | AS4489.5.1 |

Physical Properties

| Parameter | Units | Minimum ¹ | Typical | Maximum ¹ | AS1672.1 limit | Test Method |
|------------------------|-------------------|----------------------|---------|----------------------|----------------|-------------|
| Sieve Size Analysis | | | | | | |
| 600µm | % | 0 | 0 | 0.3 | ≤5 | AS4489.2.1 |
| 300µm | % | 0 | 0.2 | 0.8 | | AS4489.2.1 |
| Soundness Le Chatelier | mm | 0 | 1 | 2 | ≤10 | AS4489.4.2 |
| Loose Bulk Density | kg/m ³ | 300 | 350 | 390 | | AS4489.10.1 |

¹ – Results for minimum and maximum values indicate 95% confidence interval limits. Individual sample results may fall outside the values stated above.

This information is provided for contractual purposes and shall not be relayed, copied or distributed to third parties. The calculated ranges are based on approximately 12 months of historical data preceding the date of issue as an indication of future product performance.

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