

# Product Data

## AS1672.1 Quicklime

### Quicklime Dongara



# Product Data Sheet

#### Physical Properties

Parameter	Units	Min <sup>1</sup>	Typical	Max <sup>1</sup>	AS1672 limit	Test Method
Slaking to AS4489						
Total Temperature Rise	°C	39	47	55		AS4489.3.1
Total Slaking Time	min	4	6	8		AS4489.3.1
Residue by Rotap <sup>2</sup>						
2.36mm	%	0	0	0		
1.18mm	%	0	0.1	0.4		
0.6mm	%	0	0.5	1.7		
0.3mm	%	4	8	13		
0.15mm	%	40	50	60		
0.045mm	%	80	88	97		
Loose Bulk Density	kg/m <sup>3</sup>	700	760	800		AS4489.10.1

#### Chemical Properties

Parameter	Units	Min <sup>1</sup>	Typical	Max <sup>1</sup>	AS1672 limit	Test Method
CaO	%	86	88	91		AS4489.5.1
SiO <sub>2</sub>	%	1.0	4.0	7.0		AS4489.5.1
Al <sub>2</sub> O <sub>3</sub>	%	0.1	0.2	0.35		AS4489.5.1
Fe <sub>2</sub> O <sub>3</sub>	%	0.06	0.09	0.16		AS4489.5.1
MgO	%	4.7	5.0	5.3		AS4489.5.1
SO <sub>3</sub>	%	0.55	0.7	0.85		AS4489.5.1
Loss on ignition	%	0.03	1.0	2.5		AS4489.7.1
CO <sub>2</sub>	%	0.0	0.5	1.5	≤ 5	AS4489.5.1
Available Lime	%	83	86	90	≥ 60	AS4489.6.1

<sup>1</sup> – Results for minimum and maximum values indicate 95% confidence interval limits based on 12 months data preceding the issue date. Confidence limits adjusted for non-normal distributions. Individual sample results may fall outside the values stated above.

<sup>2</sup> – AS1672.1 requires ≤20% residue on 600µm sieve for slaking residue, CCL raw product before slaking is <10%.



CUSTOMER SERVICE AND ORDERS : (08) 9411-1166  
 TECHNICAL SUPPORT : (08) 9411-1111  
 GENERAL ENQUIRY : (08) 9411-1000  
 MANUFACTURE ADDRESS : Kailis Drive, Dongara, WA 6525  
 ABN : 50 008 673 470

[www.cockburncement.com.au](http://www.cockburncement.com.au)