

Chemical Properties

Parameter	Units	Minimum	Typical	Maximum	Test Method	AS1672 Limits
Available Lime (as calcium hydroxide)	%	79	82.3	85.6	AS4489.6.1	≥ 65
Carbon Dioxide	%	0.3	1.1	1.8	AS4489.5.1	≤ 4
CaO	%	63.6	65.4	67.2	AS4489.5.1	
MgO	%	3.8	4	4.3	AS4489.5.1	
LOI	%	20.8	21.6	22.4	AS4489.7.1	

Physical Properties

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Fineness Particle Grading						
Residue on 250µm sieve	%	0	0.4	1.3	AS4489.2.1	
Residue on 75µm sieve	%	2	6	9	AS4489.2.1	
Soundness - Pat test	visual		Pass		AS4489.4.1	¹
Autoclave expansion	%	0	0.1	0.2	AS4489.4.3	
Loose Bulk Density	kg / m ³	300	370	430	AS4489.10.1	
Free Moisture - Speedy	%	0.3	0.4	0.6	AS4489.8.1	≤ 2.5

¹ - Free from pops, pits or expansion cracks