

Chemical Properties

Parameter	Units	Minimum	Typical	Maximum	Test Method	AS4489 Limits
Available Lime (as calcium hydroxide)	%	85	89.3	93.6	AS4489.6.1	≥ 65
Carbon Dioxide	%	0.3	0.6	1	AS4489.5.1	≤ 4
CaO		68.5	71.6	74.7	XRF	
SiO ₂		0.9	1.4	1.8	XRF	
Al ₂ O ₃		0.6	0.7	0.9	XRF	
Fe ₂ O ₃		0.2	0.3	0.4	XRF	
MgO		4.3	4.6	4.8	XRF	
SO ₃		0.8	1	1.2	XRF	
Na ₂ O		0.3	0.4	0.5	XRF	
K ₂ O		0.04	0.05	0.07	XRF	

Physical Properties

Parameter	Units	Minimum	Typical	Maximum	Test Method	AS4489 Limits
Fineness Particle Grading						
Residue on 600µm sieve	%	-0.2	0.3	0.9	AS4489.2.1	≤ 5
Residue on 300µm sieve	%	0	0.4	1	AS4489.2.1	
Residue on 150µm sieve	%	0	0.8	1.9	AS4489.2.1	
Residue on 75µm sieve	%	-0.7	1.5	3.7	AS4489.2.1	
Loose Bulk Density	kg/m ³	255	325	390	AS4489.10.1	

Performance range stated is based on 95% population coverage for last 12 months manufacture. Individual results may fall outside the stated ranges.

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