



TYPE **QL**

PREMIUM GRADE QUICKLIME

General Specifications

Parameter	Method	Units	Typical	Range
Chemical Analysis				
SiO ₂	XRF	%	0.38	0.31-0.40
Al ₂ O ₃	XRF	%	0.23	0.19-0.24
Fe ₂ O ₃	XRF	%	0.08	0.07-0.10
CaO	XRF	%	90.89	88.92-92.33
MgO	XRF	%	2.81	1.83-3.79
SO ₃	XRF	%	0.17	0.14-0.19
Available CaO	AS4489-1997	%	88.22	85.61-90.05
Physical Analysis				
Slaking by method AS4489-1997				
Temperature rise at 30S		°C	7.99	6.40-12.60
Total temperature rise		°C	40.89	35.80-42.30
Total active slaking time		mins	8.5	7.0-10.0
Residue on slaking		%	4.75	2.44-9.74

Parameter	Sieve (µm)	Units	Cumulative Passing	
			Typical	Range
Sieve Analysis				
	600	%	97.35	95.89-98.45
	250	%	87.72	85.21-90.02
	150	%	77.09	74.14-80.81
	75	%	57.74	51.54-62.28
	0	%	0.00	0.00-0.00
Bulk Density			950 – 1100 kg/m ³	

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