

Product Data

AS3972 General Purpose Cement Type GP General Purpose Cement

Nominal Composition

Component	%	AS3972
Portland cement	>92.5	>92.5
Limestone	<7.5	<7.5
Minor additional constituents	<1	

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972	Test Method
Setting Time						
Soundness	mm	0	1	2	<5	AS2350.5
Compressive Strength						
Fineness	m ² /kg	320	340	370		AS2350.8
Laser +45um	%	4	8	10		Laser PSD

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972	Test Method
CaO	%	63.0	64.1	65.0		AS2350.2
SiO ₂	%	19.3	19.8	20.2		AS2350.2
Al ₂ O ₃	%	5.1	5.4	5.7		AS2350.2
Fe ₂ O ₃	%	2.70	2.85	2.95		AS2350.2
MgO	%	1.0	1.2	1.4		AS2350.2
SO ₃	%	2.6	3.0	3.4	<3.5	AS2350.2
Na ₂ O equivalent	%	0.4	0.5	0.6		AS2350.2
Chloride	%	0.005	0.015	0.030	<0.10	AS2350.2
Loss on ignition	%	1.8	2.3	2.8		AS2350.2

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

