

GP Coarse Grind (ex Kwinana)

CUSTOMER SERVICE AND ORDERS

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TECHNICAL SUPPORT

(08) 9411-1111

GENERAL ENQUIRY

(08) 9411-1000

MSDS

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MANUFACTURE ADDRESS

Leath Road

Kwinana

WA 6167

ABN

50 008 673 470

Nominal Composition

Component	%	AS3972
Portland cement	>98	>92.5
Limestone	<1	<7.5
Minor additional constituents	<1	

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method
Setting Time	Initial	60	90	120	>45	AS2350.4
	Final	120	150	190	<360	AS2350.4
Soundness	mm	0	1	3	<5	AS2350.5
Compressive Strength	3 day	32	36	40	>35	AS2350.11
	7 day	46	50	54		AS2350.11
	28 day	60	64	68		AS2350.11
Fineness	m ² /kg	300	330	360		AS2350.8

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method
CaO	%	64.0	64.6	65.2		AS2350.2
SiO ₂	%	20.2	20.6	21.1		AS2350.2
Al ₂ O ₃	%	5.3	5.6	5.9		AS2350.2
Fe ₂ O ₃	%	2.7	2.9	3.1		AS2350.2
MgO	%	1.1	1.3	1.5		AS2350.2
SO ₃	%	2.0	2.5	3.00	<3.5	AS2350.2
Na ₂ O equivalent	%	0.4	0.5	0.6		AS2350.2
Chloride	%	0.00	0.01	0.04	<0.10	AS2350.2
Loss on ignition	%	0.4	0.8	1.2		AS2350.2

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

Safety Precautions

