

Product Data—Bulk

AS3972 General Purpose Cement Type GP

Munster Grey GP



Product Data Sheet

Nominal Composition

Component	Typical %	AS3972
Portland cement	93	>92.5
Limestone	7	<7.5

Physical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method	
Setting Time	Initial	min	120	135	150	>45	AS2350.4
	Final	min	180	195	210	<360	AS2350.4
Soundness	mm	0	1	2	<5	AS2350.5	
Mortar Strength	3 day	MPa	38	42	46		AS2350.11
	7 day	MPa	48	52	57	>35	AS2350.11
	28 day	MPa	61	66	71	>45	AS2350.11
Fineness	m ² /kg	370	400	430		AS2350.8	

Chemical Properties

Parameter	Units	Minimum ¹	Typical	Maximum ¹	AS3972 limit	Test Method
CaO	%	62	63	64		AS2350.2
SiO ₂	%	18.7	19.1	19.5		AS2350.2
Al ₂ O ₃	%	4.9	5.1	5.4		AS2350.2
Fe ₂ O ₃	%	2.6	2.75	2.9		AS2350.2
MgO	%	1.3	1.6	1.8		AS2350.2
SO ₃	%	2.8	3.1	3.4	<3.5	AS2350.2
Na ₂ O equivalent	%	0.4	0.5	0.6		AS2350.2
Chloride	%	0.008	0.018	0.03	<0.10	AS2350.2
Loss on ignition	%	3.5	4.0	4.5		AS2350.2

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



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