



TYPE **GGBFS**

GROUND GRANULATED BLAST FURNACE SLAG

Typical Analysis

	Typical BGC Value	Typical BGC Range	AS 3582.2	Units
Properties				
Fineness (passing 45µm)	98	97 - 99	-	(%)
Loss on Ignition	0.3	0.0 - 0.9	≤ 3.0%	(%)
Sulfide sulfur (S) content	0.3	0.3 - 0.5	≤ 1.5%	(%)
Magnesia (MgO) content	6.5	6.0 - 7.0	≤ 15.0%	(%)
Alumina (Al ₂ O ₃) content	13.6	13.4 - 13.8	≤ 18.0%	(%)
Total Iron (FeO) content	0.8	0.7 - 0.9	≤ 1.5%	(%)
Manganese (MnO) content	0.2	0.1 - 0.2	≤ 2.0%	(%)
Chloride ion (Cl) content	0.01	0.01 - 0.02	-	(%)
Insoluble residue content	0.2	0.1 - 0.3	≤ 2.0%	(%)
Relative water requirement	100	98 - 102	-	(%)
Relative strength	101	100 - 102	-	(%)
Temperature Rise (note 2)	19.9	16.6 - 21.7	≤ 23°C	(%)

Note: Typical range is at 95% confidence level, individual results may be outside of this range.

Issue Date: 13 August 2019