



## Acid Soluble Alkali



**Regen Ground Granulated Blastfurnace Slag Produced at  
Sample Period**

**Teesside  
October 2021**

The sample was tested following the methods given in BS EN 196-2.  
Additions and modifications have been made in accordance with the Hanson Cement Testing Manual.

| Chemical Composition % |                   |                  |                                 |                                                |
|------------------------|-------------------|------------------|---------------------------------|------------------------------------------------|
| Date                   | Na <sub>2</sub> O | K <sub>2</sub> O | Na <sub>2</sub> O <sub>eq</sub> | R Mean last 25 Na <sub>2</sub> O <sub>eq</sub> |
| 27/10/2021             | 0.18              | 0.31             | 0.38                            | 0.40                                           |
| 25/10/2021             | 0.14              | 0.28             | 0.32                            | 0.40                                           |
| 19/10/2021             | 0.16              | 0.38             | 0.41                            | 0.41                                           |
| 18/10/2021             | 0.09              | 0.28             | 0.27                            | 0.41                                           |
| 13/10/2021             | 0.19              | 0.36             | 0.43                            | 0.41                                           |
| 11/10/2021             | 0.12              | 0.38             | 0.37                            | 0.41                                           |
| 08/10/2021             | 0.17              | 0.37             | 0.41                            | 0.42                                           |
| 04/10/2021             | 0.19              | 0.31             | 0.39                            | 0.42                                           |
| 29/09/2021             | 0.16              | 0.31             | 0.36                            | 0.42                                           |
| 27/09/2021             | 0.19              | 0.31             | 0.39                            | 0.43                                           |
| 24/09/2021             | 0.16              | 0.31             | 0.36                            | 0.43                                           |
| 22/09/2021             | 0.14              | 0.31             | 0.34                            | 0.44                                           |
| 15/09/2021             | 0.12              | 0.28             | 0.30                            | 0.45                                           |
| 13/09/2021             | 0.11              | 0.29             | 0.30                            | 0.46                                           |
| 08/09/2021             | 0.10              | 0.49             | 0.42                            | 0.46                                           |
| 06/09/2021             | 0.14              | 0.46             | 0.44                            | 0.47                                           |
| 02/09/2021             | 0.11              | 0.45             | 0.41                            | 0.47                                           |
| 31/08/2021             | 0.12              | 0.47             | 0.43                            | 0.47                                           |
| 25/08/2021             | 0.09              | 0.46             | 0.39                            | 0.47                                           |
| 23/08/2021             | 0.09              | 0.58             | 0.47                            | 0.47                                           |
| 16/08/2021             | 0.08              | 0.61             | 0.48                            | 0.47                                           |
| 11/08/2021             | 0.11              | 0.58             | 0.49                            | 0.47                                           |
| 09/08/2021             | 0.09              | 0.56             | 0.46                            | 0.46                                           |
| 04/08/2021             | 0.09              | 0.56             | 0.46                            | 0.46                                           |
| 03/08/2021             | 0.13              | 0.55             | 0.49                            | 0.46                                           |
| 28/07/2021             | 0.11              | 0.55             | 0.47                            | 0.46                                           |
| 26/07/2021             | 0.11              | 0.54             | 0.47                            | 0.45                                           |
| 21/07/2021             | 0.12              | 0.40             | 0.38                            | 0.45                                           |
| 19/07/2021             | 0.10              | 0.53             | 0.45                            | 0.45                                           |
| 14/07/2021             | 0.13              | 0.54             | 0.49                            | 0.45                                           |

The Regen GGBS contained no additional materials other than those permitted. The above results and other tests demonstrate the conformity of the material sold during the month to the requirements of EN 15167-1.

Hanson Cement has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Hanson Cement for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.

Signed:

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