



# EBC-1

## CHEMICAL PROPERTIES

XRF Verified

|              |   |       |
|--------------|---|-------|
| <b>Si2o</b>  | % | 52.5  |
| <b>Ai2o3</b> | % | 33.15 |
| <b>Fe2o3</b> | % | 0.6   |
| <b>K2O</b>   | % | 0.8   |
| <b>Na2O</b>  | % | 9.19  |
| <b>CaO</b>   | % | 0.14  |
| <b>MgO</b>   | % | 0.13  |
| <b>LOi</b>   | % | 10.9  |
| <b>TiO2</b>  | % | 1.22  |

## PHYSICAL PROPERTIES

### Partical Size Distribution by SediGraph

|                 |   |    |
|-----------------|---|----|
| <b>&lt; 7um</b> | % | 89 |
| <b>&lt; 5um</b> | % | 84 |
| <b>&lt; 2um</b> | % | 73 |
| <b>&lt; 1um</b> | % | 64 |

### Sieve Residue-wet Retention

|                   |   |      |
|-------------------|---|------|
| <b>&gt; 120#</b>  | % | 0.14 |
| <b>&gt; 200#</b>  | % | 0.23 |
| <b>&gt; 350#</b>  | % | 0.69 |
| <b>Cumulative</b> | % | -    |

|                      |         |       |
|----------------------|---------|-------|
| <b>MBI</b>           | mg g-1  | 36.01 |
| <b>Sulphate</b>      | ppm     | -     |
| <b>pH</b>            |         | -     |
| <b>Conductivity</b>  | uS      | -     |
| <b>Soluble Salt</b>  | ppm     | 352   |
| <b>MoR(extruded)</b> | Kg cm-2 | -     |
| <b>MoR(Dry)</b>      |         | 36    |
| <b>WABS</b>          | %       | -     |
|                      | L*      | 86.58 |
| <b>Colour</b>        | a*      | 2.7   |
|                      | b*      | 15.5  |
| <b>Shrinkage</b>     | %       | -     |