



# DC-66

## USE'S

- Sanitaryware

## CHEMICAL PROPERTIES

XRF Verified

|                                    |   |       |
|------------------------------------|---|-------|
| <b>SiO<sub>2</sub></b>             | % | 55.27 |
| <b>Al<sub>2</sub>O<sub>3</sub></b> | % | 30.25 |
| <b>Fe<sub>2</sub>O<sub>3</sub></b> | % | 00.89 |
| <b>Ti<sub>2</sub>O<sub>3</sub></b> | % | 01.20 |
| <b>CaO</b>                         | % | 00.28 |
| <b>MgO</b>                         | % | 00.32 |
| <b>K<sub>2</sub>O</b>              | % | 02.56 |
| <b>Na<sub>2</sub>O</b>             | % | 00.39 |
| <b>LOi</b>                         | % | 08.58 |

|       |  |       |
|-------|--|-------|
| Total |  | 99.74 |
|-------|--|-------|

## PHYSICAL PROPERTIES

### Partical Size Distribution by SediGraph

|                 |   |   |
|-----------------|---|---|
| <b>&lt; 7um</b> | % | — |
| <b>&lt; 5um</b> | % | — |
| <b>&lt; 2um</b> | % | — |
| <b>&lt; 1um</b> | % | — |

### Sieve Residue-wet Retention

|                         |   |   |
|-------------------------|---|---|
| <b>&gt; 125um</b>       | % | — |
| <b>&gt; 75um</b>        | % | — |
| <b>&gt; 45 um</b>       | % | — |
| <b>Cumulative&gt;45</b> | % | — |

|                     |                     |        |
|---------------------|---------------------|--------|
| <b>MBI</b>          | mg g <sup>-1</sup>  | 33.7   |
| <b>Sulphate</b>     | ppm                 | —      |
| <b>pH</b>           |                     | —      |
| <b>Conductivity</b> | uS                  | —      |
| <b>Soluble Salt</b> | ppm                 | 132    |
| <b>MoR(Dry)</b>     | Kg cm <sup>-2</sup> | 72.5   |
| <b>MoR(Fired)</b>   |                     | 423.23 |
| <b>WABS</b>         | %                   | 01.5   |
|                     | L*                  | 85.21  |
| <b>Colour</b>       | a*                  | 00.67  |
|                     | b*                  | 09.45  |
| <b>Shrinkage</b>    | %                   | 07.45  |