

## TECHNICAL DATA SHEET

**PRODUCT** **CHS03001**

CHEMICAL COMPOSITION	%
AL <sub>2</sub> O <sub>3</sub>	36 - 40
Fe <sub>2</sub> O <sub>3</sub>	1.3 - 1.8
SiO <sub>2</sub>	54 - 58
TiO <sub>2</sub>	2.0 - 3.0
CaO	0.3 - 0.4
MgO	0.1 - 0.2
K <sub>2</sub> O+NaO	0.2 - 0.4

## PHYSICAL PROPERTIES

Grain size distribution	%
>500 μ	0.5 max
>315μ	1 - 3
>200μ	10 - 20
>100μ	25 - 40
>63μ	15 - 25
<63μ	25 - 35

### *Thermal Expansion*

<i>Temp.</i>	<i>dl/l<sub>0</sub>*10<sup>-3</sup></i>
200 °C	1.30
400 °C	2.80
600 °C	4.80

**Grinding Chamotte with low thermal expansion is used for sanitary ware industry.**