

## **M 21-03**

**CLAY**

**Chemical analysis (on fired sample):** %

<b>SiO<sub>2</sub></b>	<b>74.90</b>
<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>20.30</b>
<b>Na<sub>2</sub>O</b>	<b>0.20</b>
<b>CaO</b>	<b>0.20</b>
<b>MgO</b>	<b>0.30</b>
<b>TiO<sub>2</sub></b>	<b>1.90</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>0.50</b>
<b>K<sub>2</sub>O</b>	<b>1.70</b>
<b>L.O.I.</b>	<b>5.30</b>

**Water absorption % (1200°C):** 3.50

**Shrinkage % (1200°C):** 4.60

**Grain size:** 0-3 cm