

## **M 10-03**

**KAOLINITIC-ILLITIC CLAY**

<b>Chemical Analysis (on fired sample):</b>	<b>%</b>
<b>SiO<sub>2</sub></b>	<b>63.50</b>
<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>29.80</b>
<b>Na<sub>2</sub>O</b>	<b>0.10</b>
<b>CaO</b>	<b>0.20</b>
<b>MgO</b>	<b>0.40</b>
<b>TiO<sub>2</sub></b>	<b>1.40</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>1.30</b>
<b>K<sub>2</sub>O</b>	<b>3.30</b>
<b>L.O.I.</b>	<b>7.90</b>
<b>Water absorption % (1200°C):</b>	<b>0.40</b>
<b>Shrinkage % (1200°C):</b>	<b>9.30</b>
<b>Grain size:</b>	<b>0-3 cm</b>
<b>Mineralogic Analysis:</b>	
<b>Kaolinite</b>	<b>43</b>
<b>Mica</b>	<b>23</b>
<b>Montmorillonite</b>	<b>1</b>
<b>Quartz</b>	<b>28</b>
<b>Feldspar</b>	<b>4</b>
<b>Others</b>	<b>1</b>
<b>Plasticity:</b>	
<b>Pfefferkorn Index</b>	<b>36</b>

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Mineral. Should you need guaranteed data, then Mineral will ask the producer for them. The guaranteed data will be valid for 1 year.