

**PRODUCT** : **PLASTIC BALL CLAY**  
**CODE** : **EIB - 01**

**DEFINITION:**

**EIB – 01** is a cost effective, optimized Ball Clay blend predominated by minerals such as Illite, Kaolinite & Hydromica.

The product is high plastic white firing ball clay for homogenous tile, glazed porcelain tile and double charge vitrified tile. The product is being used as cost effective partial replacement of Ukrainian plastic clays in Asian Ceramics industries.

**CHEMICAL ANALYSES**

**(Typical values on a % dry basis, unless stated)**

<b>SiO<sub>2</sub></b>	:	<b>&lt; 60.00</b>
<b>Al<sub>2</sub>O<sub>3</sub></b>	:	<b>&gt; 25.00</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>	:	<b>&lt; 1.30</b>
<b>TiO<sub>2</sub></b>	:	<b>&lt; 1.40</b>
<b>CaO</b>	:	<b>&lt; 6.00</b>
<b>MgO</b>	:	<b>&lt; 0.75</b>
<b>K<sub>2</sub>O</b>	:	<b>&lt; 1.50</b>
<b>Na<sub>2</sub>O</b>	:	<b>&lt; 0.50</b>
<b>LOI @ 1040° C</b>	:	<b>&lt; 14.50</b>

**PHYSICAL PROPERTIES**

Green MOR	:	> 10.00 Kg/Cm2
Dry MOR	:	> 25.00 Kg/Cm2
Fired MOR	:	> 250.00 Kg/Cm2
Fired Shrinkage	:	< 8.00 %
Water Absorption	:	< 6.00 %
Working Temperature : 1200° C to 1230 °C		
Working Cycle Time : 37 to 60 Min.		
Fired Color Value		
L*	>	75.00
a*	<	2.00
b*	<	15.00
<b>FORM</b>	:	<b>LUMPS</b>
<b>PACKAGING</b>	:	<b>BULK</b>
ORIGIN	:	INDIA

**OTHER INFORMATION**

**Note: Slurry prepared in Ceramic pot.**

Clays are natural occurring raw material. All the data are to be considered as indicative and terms of quality are strictly as per the commercial contract. Each customer is requested to evaluate the product for his own application. We will be pleased to discuss its best use and tolerances above specified limit on simple customer request.