

## TECHNICAL DATA SHEET

PRODUCT	
<b>GROLLEG CHINA CLAY POWDERED</b>	Grolleg has a lower iron content and is a little stronger with high plasticity.

PRODUCT SPECIFICATION (CHEMICAL ANALYSIS %. MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)			
	MIN	VALUE	MAX
Fe <sub>2</sub> O <sub>3</sub>	0.73	0.80	0.87
K <sub>2</sub> O	1.78	1.96	2.14

PARTICLE SIZE ANALYSIS (%) (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)			
	MIN	VALUE	MAX
> 53 µm	x	x	0.05
> 8 µm	5	8	11
< 2 µm	52	58	64

MODULUS OF RUPTURE (MN.m-2 ) (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)			
	MIN	VALUE	MAX
At 80 % RH	0.7	1.0	1.3

TYPICAL PROPERTIES (CHEMICAL ANALYSIS %. MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)		
Silicon Oxide	SiO <sub>2</sub>	49.0
Aluminium Oxide	Al <sub>2</sub> O <sub>3</sub>	36.0
Titanium Oxide	TiO <sub>2</sub>	0.05
Sodium Oxide	Na <sub>2</sub> O	0.10
Calcium Oxide	CaO	0.06
Magnesium Oxide	MgO	0.30
Loss of Ignition	L.O.I	12.0

CASTING DATA	
Casting concentration (mass % solids)	61.0
Casting concentration (mass % solids)	0.50
Casting rate (mm <sup>2</sup> .min <sup>-1</sup> )	0.50

FIRED PROPERTIES (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)		
	AT 1180c	AT 1280c
Brightness	86.0	84.0
Water Absorbtion	13.0	6.5
Linear Contraction	9.0	13.0

PRODUCT SIZE
The products are available in Paper Bags (25kg), big bags and bulk.