

GROLLEG

APPLICATION(S)

Tableware, Tiles – Glaze & engobe

PRODUCT SPECIFICATION

CHEMICAL ANALYSIS (%)	Min.	Value	Max.
Fe ₂ O ₃	0.73	0.80	0.87
K ₂ O	1.78	1.96	2.14

PARTICLE SIZE ANALYSIS (%)

> 53 µm	-	-	0.05
> 8 µm	5	8	11
< 2 µm	52	58	64

MODULUS OF RUPTURE (MN.m⁻²)

At 80 % RH	0.7	1.0	1.3
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TYPICAL PROPERTIES

CHEMICAL ANALYSIS (%)	Value
SiO ₂	49.0
Al ₂ O ₃	36.0
TiO ₂	0.05
Na ₂ O	0.10
CaO	0.06
MgO	0.30
L.O.I.	12.0

CASTING DATA (%)

Casting concentration (mass % solids)	61.0
P84 demand (mass %)	0.50
Casting rate (mm ² .min ⁻¹)	0.50

FIRED PROPERTIES (%)

	AT 1180°C	AT 1280°C
Brightness	86.0	84.0
Water absorption	13.0	6.5
Linear Contraction	9.0	13.0

PRODUCT FORM & STANDARD PACKAGING

Powder, lumps

Big bag, 25-50 kg bags, bulk



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