

Standard Porcelain

APPLICATION(S)

Tableware

PRODUCT SPECIFICATION

CHEMICAL ANALYSIS (%)	Min.	Value	Max.
Fe ₂ O ₃	0.62	0.68	0.74
K ₂ O	1.47	1.65	1.83

PARTICLE SIZE ANALYSIS (%)

> 53 µm	-	-	0.04
> 8 µm	1	4	7
< 2 µm	65	70	75

MODULUS OF RUPTURE (MN.m⁻²)

At 80 % RH	1.1	1.4	1.7
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TYPICAL PROPERTIES

CHEMICAL ANALYSIS (%)	Value
SiO ₂	48.0
Al ₂ O ₃	36.5
TiO ₂	0.02
Na ₂ O	0.10
CaO	0.07
MgO	0.30
L.O.I.	12.5

CASTING DATA

Casting concentration (mass % solids)	62.0
P84 demand (mass %)	0.55
Casting rate (mm ² .min ⁻¹)	0.20

FIRED PROPERTIES (%)

	AT 1180°C	AT 1280°C
Brightness	89.0	87.0
Water absorption	11.5	6.5
Linear contraction	9.5	12.5

PRODUCT FORM & STANDARD PACKAGING

Powder, lumps
Big bag, 25-50 kg bags, bulk

Typical data values do not represent a specification. The data quoted are determined by the use of Imerys Standard Test Methods, copies of which will be supplied on request. Every precaution is taken in production to ensure the products conform to our published data. Since the products are based on naturally occurring materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our "Conditions of Sale", copies of which will be supplied on request.

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