

# KaoPearl CNL30

## APPLICATION(S)

Tableware

## PRODUCT SPECIFICATION

CHEMICAL ANALYSIS (%)	Min.	Value	Max.
Fe <sub>2</sub> O <sub>3</sub>	-		0.59
K <sub>2</sub> O	0.95		1.55

PARTICLE SIZE ANALYSIS (%)		
> 53 μm	-	0.05
> 10 μm	-	2
< 2 μm	78	88

MODULUS OF RUPTURE (MN.m <sup>-2</sup> )		
At 80 % RH	2.0	3.4

## TYPICAL PROPERTIES

CHEMICAL ANALYSIS (%)	Value
SiO <sub>2</sub>	47.5
Al <sub>2</sub> O <sub>3</sub>	37.0
TiO <sub>2</sub>	0.05
Na <sub>2</sub> O	0.15
CaO	0.05
MgO	0.30
L.O.I.	12.8

CASTING DATA (%)	
Casting concentration (mass % solids)	59.0
P84 demand (mass %)	1.4
Casting rate (mm <sup>2</sup> .min <sup>-1</sup> )	0.90

FIRED PROPERTIES (%)	AT 1180°C	AT 1280°C
Brightness	94.0	94.0
Water absorption	12.0	8.0
Linear Contraction	11.0	13.0

## PRODUCT FORM & STANDARD PACKAGING

Lumps
Big bag, 25 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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## Production Site

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