

KAOCAST RN61

APPLICATION(S) - Sanitaryware

CHEMICAL ANALYSIS (%)	Min.	Value	Max.
SiO ₂		48.3	
Al ₂ O ₃		36.0	
Fe ₂ O ₃		1.1	
TiO ₂		0.3	
CaO		0.01	
MgO		0.01	
K ₂ O		2.0	
Na ₂ O		0.01	
LOI		12.7	

RESIDUE – WET sieve (mass %)

> 45 µm			3.0
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PARTICLE SIZE ANALYSIS–Sedigraph (cumulative mass %)

< 10 µm	75		85
< 5 µm	55		65
< 2 µm	40		50
< 1 µm	30		35

PHYSICAL PROPERTIES

Moisture content (%)	15		20
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CASTING DATA

Deflocculant demand (wt%)	0.2		0.4
Cast rate (mm.)	4.5		6.5
Viscosity by Fordcup (sec.)			20

FIRED PROPERTIES

	1250°C	
L*		92.3
a*		0.43
b*		5.8
Contraction (%)		8.4
Water absorption (%)		17.0

PRODUCT FORM & STANDARD PACKAGING

Lump, Noodle
1000 kg.Big bag, 50 kg bags, bulk

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This version supersedes

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Max, Min values are specified properties.

All other values are typical. 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 Sales" copies of which will be supplied on request.