

# Super Standard Porcelain™



Super Standard Porcelain™ is a trade mark of IMERYS Minerals Ltd

ECC is a business name of IMERYS Minerals Ltd

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.

\*8 micron is measured by sedigraph and is equivalent to the previously quoted 10 micron by the decantation method.

## PRODUCT SPECIFICATION

### Chemical Composition (mass %):

Fe<sub>2</sub>O<sub>3</sub>

Value

Range

Min

Max

C1/100/K

March 2008

K<sub>2</sub>O

0,41

0,35

0,47

Super Standard Porcelain

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### Particle Size (mass %):

+53 micron

0,05 max

+8 micron\*

1

0

2

-2 micron

85

80

90

Sixth Edition

This supersedes the document dated April 2000

### Modulus of Rupture (MNm<sup>-2</sup>):

80%RH

2,7

2,0

3,4

## TYPICAL DATA

The following data is provided for information only and is derived from quality control tests over a number of years. It does not constitute a specification.

### Chemical Composition (mass %):

SiO<sub>2</sub>

48,0

Al<sub>2</sub>O<sub>3</sub>

37,0

TiO<sub>2</sub>

0,01

CaO

0,10

MgO

0,25

Na<sub>2</sub>O

0,15

L.O.I

12,8

### Casting Data:

Casting concentration (mass % solids)

57,0

P84 demand (mass %)

1,7

Casting Rate (mm<sup>2</sup> min<sup>-1</sup>)

0,25

### Fired Properties:

Water absorption (mass %)

1180°C

13,0

1280°C

9,0

Brightness (%)

1180°C

94,0

1280°C

94,0

Contraction (%)

1180°C

11,0

1280°C

13,0



ISO 9001  
FM 14752

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