

Technical Data Sheet

FT PT010B 05

24. Février 2006

This version replaced all preceding versions

KPCL is a business name of IMERYS Minerals Ltd

The data quoted are determined by the use of Imerys Tableware Standard Test Methods. 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.

NB: all these data are average values

Body type

Technique of employment

Firing temperature

Firing colour

PRODUCT SPECIFICATION

Form of delivery

Bulk density (kg/m³):
Imerys Tableware method

Moisture Content (mass%):

Chemical composition - fired basis - (mass%):

SiO₂
Al₂O₃
TiO₂
Fe₂O₃
MgO
CaO
Na₂O
K₂O
other

Loss on ignition / L.O.I. 1000°C

Mean Diameter D50% (µm)

Residue on sieve (mass%)
- wet screening >0,063 mm -

Ceramic properties

extruded bars, dried 110°C, firing 1220°C, 7 hrs, 3-point bending strength

Modulus of Rupture - dried 110 °C (MPa):

Fired Bending Strength (MPa):

Firing shrinkage: Dry to fired (%)

Firing shrinkage : Mould to fired (%)

Firing colour: (CIELAB) , D65/10°

L* Lightness
a* +red / -green
b* +yellow / -blue

Packing

Porcelain

Jiggering

1220°C/Ox. - 1280°C/ red.

White

VALUE

De-aired Pug roll

23

67,10

26,55

0,06

0,53

0,45

0,52

0,96

3,77

7,2

7,5

0.8

2,5

75

9,5 [±0,5]

13,0

85,98

0,67

7,63

filter press cakes
or de-aired pug rolls on pallets

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