

**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/m<sup>3</sup>):  
*Imerys Tableware method*

**Moisture Content** (mass%):

**Chemical composition** - fired basis - (mass%):

SiO <sub>2</sub>	67,10
Al <sub>2</sub> O <sub>3</sub>	26,55
TiO <sub>2</sub>	0,06
Fe <sub>2</sub> O <sub>3</sub>	0,53
MgO	0,45
CaO	0,52
Na <sub>2</sub> O	0,96
K <sub>2</sub> O	3,77
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**
**Jigging**

**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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