

PC975B

KPCL

Technical Data Sheet
FT PC975B 08
14. January 2003

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%):

SiO ₂	64,96
Al ₂ O ₃	28,30
TiO ₂	0,10
Fe ₂ O ₃	0,35
MgO	0,70
CaO	1,01
Na ₂ O	0,83
K ₂ O	4,13

Loss on ignition / L.O.I. 1000°C

Mean Diameter D50% (µm)

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

Deflocculation

slip density (g / l)
deflocculant addition (mass% solid):
- Dolaflox B
- Formsil D

*The demand of deflocculant and water is
dependend on the quality of the water being used
for preparation of the slip.*

Casting rate / Time 10 min / Wall thickness (mm)

Ceramic properties

*extruded bars, dried 110°C, fast firing 1240°C, 4 hrs,
3-point bending strength*

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

Fired Bending Strength (MPa):

Drying shrinkage (%)
Firing shrinkage (%)

Firing colour: (CIELAB) , D65/10°

L* Lightness	85,68
a* +red / -green	-1,4
b* +yellow / -blue	3,86

Packing

Porcelain

Casting

1220 - 1240°C oxydizing

White

VALUE

Spray dried powder

5 [±1]

64,96
28,30
0,10
0,35
0,70
1,01
0,83
4,13

7.8

6.7

0.2

1700

0,02

3,8

3

85

9.3 [±0,5]
12,4

85,68
-1,4
3,86

In big bags on pallets

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 **IMERYS**
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