

TECHNICAL DATA SHEET

PC 05 W1 1180

GENERAL INFORMATION

White plastic ceramic body, which is inorganic material for ceramic industry without toxic, corrosive, and radioactive as well as not flammable.

Chemical group:	inorganic
Product name:	PC 05 W1 1180
Product group:	ceramic plastic bodies
Type:	faience
Manufacturer:	CERATECH GROUP Ltd

TYPICAL PROPERTIES

Appearance:	plastic ceramic body
Colour before firing:	ivory
Colour after firing:	white
Temperature of first firing:	1000-1150 oC
Temperature of glaze firing:	950-1180 oC
Specific gravity:	-

COMPOSITION

Chamotte:	-
Copper oxide:	-
Silicate oxide:	+
Aluminium oxide:	+
Calcium oxide:	+
Magnesium oxide	+
Sodium oxide	+
Potassium oxide	+
Ferrous oxide/>0.3%	+
Lead	-

*This product is a combination of various metal oxides, salts and compounds and as a finished product is not toxic, corrosive, and radioactive as well as not flammable.

PHYSICAL AND CHEMICAL PROPERTIES



980 °C



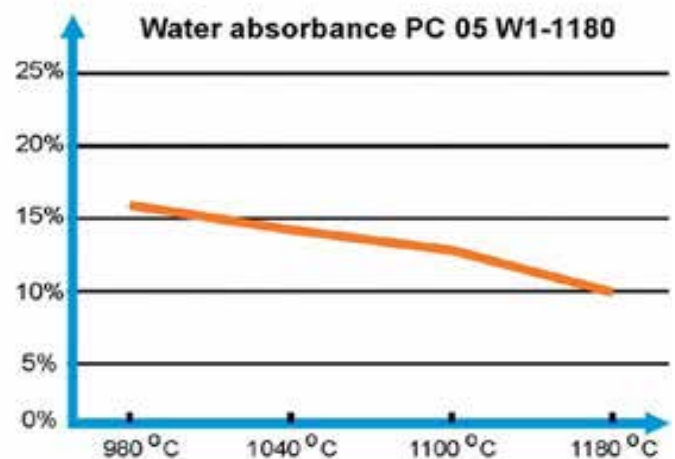
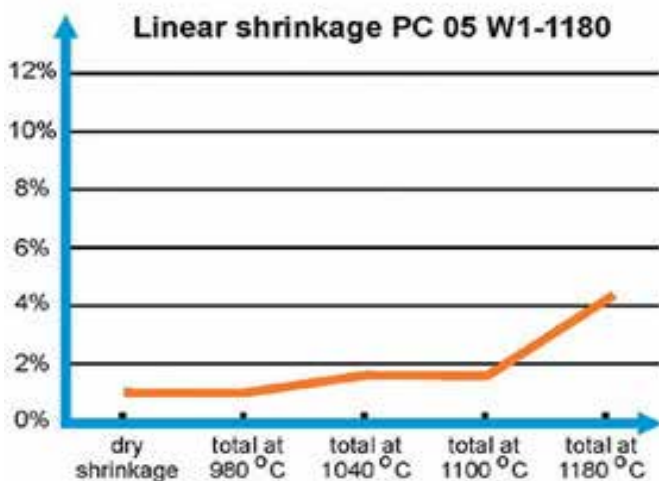
1040 °C



1100 °C



1180 °C



*The values in the graphics are relative and depends on the shape, size, thickness, cycle of firing and other parameters of the product.

METHOD OF APPLICATION

Faience body is inorganic material used in ceramic industry. Snow-white faience ceramic mass, an earthenware type. It is suitable for small and middle-sized ceramic wares (up to 60 cm). The recommended applications include: throwing, hand-building, slab building, extrusion, sculptural moulding, plastering and pressing in gypsum moulds and presses.

PREVENTIVE MEASURES

Maintain suitable ventilation and avoid breathing dust.

Do not drink, smoke and eat during work!

Maintain a high level of hygiene in the workplace.

It is recommended to use dust mask and safety goggles during work.

STORAGE AND PACKAGING

Store in a dry place (hygroscopic), without direct sun light

Storage temperature: 5-30 oC

Keep the formation and deposition of dust to a minimum.

This product is available in PE packages of 10kg.

ADDITIONAL INFORMATION

This information only concerns the above mentioned products and does not need to be valid if used with other products or in any process.

The information is to our best present knowledge correct and complete and is given in good faith but without warranty.

It remains the users own responsibility to make sure that the information is appropriate and complete for his special use of this product.

