

## Characteristics

Flameproof is a ceramic body suitable for plastic forming methods. Excellent characteristics in thermal shock resistance.

Optimum firing range: 1140 - 1160 °C ( glaze firing )

Available as blended powder ( Flameproof - T ) and plastic body ( Flameproof ).

Firing Colour	cream
Recommended Firing Temperature Range	1000 - 1160 °C

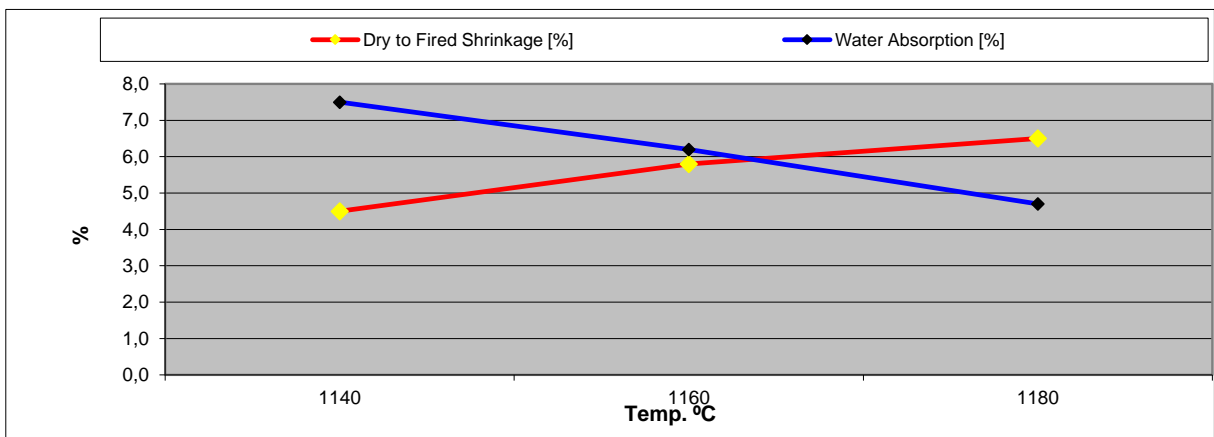
## Technical Data

Unfired

Moisture	18,6% plastic							
Chemical Analysis	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O	Na <sub>2</sub> O
	71,4%	0,60%	25,7%	0,50%	0,30%	0,20%	1,00%	0,30%
Loss of Ignition	6,5%							
Wet to Dry Shrinkage	4,5% plastic							

Fired

Specimen Firing Temperature [°C]	1150	
Coefficient of Thermal Expansion [x10 <sup>-6</sup> /°C]		
	20 - 400 °C	1,9
	20 - 500 °C	1,9
	20 - 600 °C	2,1
Dry to Fired Shrinkage [%]	4,5	
Water Absorption [%]	7,5	



The technical data quoted on this sheet is indicative only. Any sale is by sample and is governed by our general conditions of sale.



**Sibelco Deutschland GmbH**  
**Sälzerstraße 20**  
**56235 Ransbach-Baumbach**  
**DEUTSCHLAND**

**Tel.: +49 2623 8828-0**  
**Fax: +49 2623 8828-92**  
**E-Mail: [kontakt@sibelco.de](mailto:kontakt@sibelco.de)**

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