

## Characteristics

GW/SG-T is a light earthenware body for casting. Available as powder (GW/SG-T), casting slip in buckets ( GW ).

Firing Colour	white - cream
Recommended Firing Temperature Range	1000 - 1150 °C

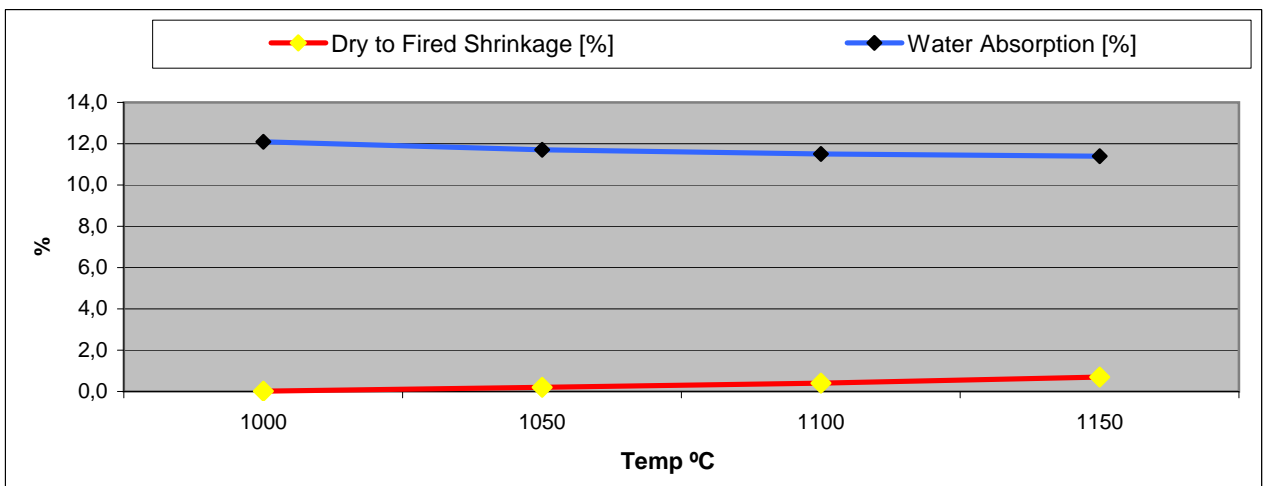
## Technical Data

### Unfired

Moisture	0,8%	Powder						
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
	70,9%	1,20%	19,0%	0,70%	4,80%	0,30%	2,50%	0,30%
Loss of Ignition	8,5%							
Wet to Dry Shrinkage	3,8%	casting						

### Fired

Specimen Firing Temperature [°C]	1040	
Coefficient of Thermal Expansion [x10-6/°C]		
	20 - 400 °C	7,0
	20 - 500 °C	7,4
	20 - 600 °C	8,9
Dry to Fired Shrinkage [%]	0,4	
Water Absorption [%]	12,0	



Dolaflux B : Giessfix 162	1 : 2
Optimum Amounts	0,13% - 0,19%

First deflocculant and afterwards, add the powder under slow stirring to the water.

Specific Weight to Achieve	1790 - 1810 g/l

GWSG-T needs about 42 l water per 100 kg powder to achieve s.w. of 1800g/l

Test the casting advice in own production first remembering the mentioned amounts are depending on the hardness of the water, the type of blunger, and the desired properties of the casting.

- use the right amount of deflocculant to achieve optimum casting time
- if castthickness is too small, use less deflocculant
- don't use more than 10-15 % of scrap (above the fresh made slip)

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



## FUCHS KERAMISCHE MASSEN

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

**Tel.: +49 2623 8828-0**  
**Fax: +49 2623 8828-92**  
**E-Mail: kontakt@sibelco.de**

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