

Characteristics

GW FSZ / CL - T is a vitreous stoneware body. It is suitable for casting.
Available as blended powder.

Firing Colour	light grey		
Recommended Firing Temperature Range	1000	-	1220 °C

Technical Data

Unfired

Moisture	0,8% powder							
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	72,3%	1,00%	20,7%	0,90%	0,20%	0,30%	2,90%	1,70%
Loss of Ignition	4,7%							
Wet to Dry Shrinkage	2,7% casting							

Fired

Specimen Firing Temperature [°C]	1100	1200
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	20 - 400 °C	6,5
	20 - 500 °C	6,9
	20 - 600 °C	7,9
Dry to Fired Shrinkage [%]	4,0	7,8
Water Absorption [%]	11,0	1,2



Casting Advice

Dolaflux B 11 : Giessfix 162	1 : 2		
Optimum Amounts	0,24%	-	0,28%
First deflocculant and afterwards, add the powder under slow stirring to the water.			
Specific Weight to Achieve	1790	-	1800 g/l
GW / FSZ / CL - T needs about 42,5 l water per 100 kg powder to achieve s.w. of 1795 g / l.			
Test the casting advice in own production first remembering the mentioned amounts are depending			

- 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.



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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