

Characteristics

SV / SZ - T is a stoneware body. It is suitable for casting.

Available as plastic body (K146), blended powder (SV / SZ - T), casting slip in buckets (K153).

Firing Colour	cream
Recommended Firing Temperature Range	1000 - 1260 °C

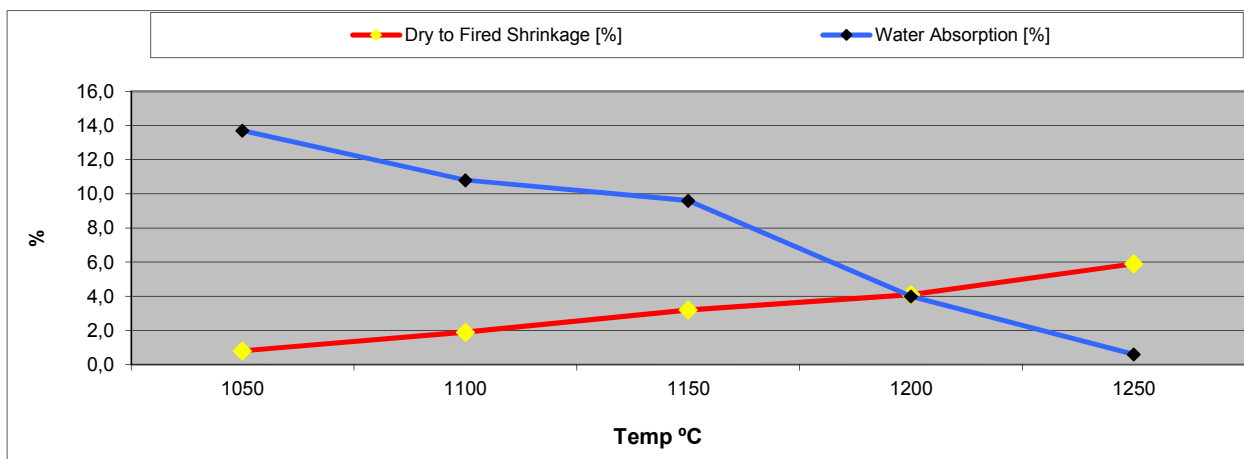
Technical Data

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
	76,0%	1,10%	17,8%	0,70%	0,30%	0,30%	2,80%	0,75%
Loss of Ignition	4,5%							
Wet to Dry Shrinkage	4,5%	casting						

Fired

Specimen Firing Temperature [°C]	1200	1240
Coefficient of Thermal Expansion [x10-6/°C]		
	20 - 400 °C	7,1
	20 - 500 °C	7,7
	20 - 600 °C	9,2
Dry to Fired Shrinkage [%]	4,5	5,0
Water Absorption [%]	3,5	1,5



Dolaflux B 11 : Giessfix 162	1 : 2
Optimum Amounts	0,22% - 0,26%

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

Specific Weight to Achieve	1800 - 1820 g / l
SV / SZ - T needs about 40,5 l water per 100 kg powder to achieve s.w. of 1800 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.



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05.09.2016