

Characteristics

GRSZ / TC - T is a stoneware body for casting.
 Firing colour 1100°C: terracotta
 Available as blended powder.

Firing Colour	terracotta - brown
Recommended Firing Temperature Range	1000 - 1200 °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
	74,5%	1,30%	18,3%	2,20%	0,20%	0,45%	2,66%	0,30%
Loss of Ignition	5,5%							
Wet to Dry Shrinkage	5,0% casting							

Fired

Specimen Firing Temperature [°C]	1100
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	20 - 400 °C 20 - 500 °C 20 - 600 °C
Dry to Fired Shrinkage [%]	3,2
Water Absorption [%]	6,5



Casting Advice

Dolaflux B 11 : Giessfix 162	1 : 2		
Optimum Amounts	0,17%	-	0,19%
First deflocculant and afterwards, add the powder under slow stirring to the water.			
Specific Weight to Achieve	1780	-	1790 g/l
GRSZ / TC - T needs about 43 l water per 100 kg powder to achieve s.w. of 1790 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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