

Characteristics

GRSZ - T is a red stoneware body for casting.
Available as blended powder.

Firing Colour	red - red brown
Recommended Firing Temperature Range	1000 - 1200 °C

Technical Data

Unfired

Moisture	0,6% powder							
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	73,8%	1,20%	17,9%	3,50%	0,20%	0,50%	2,70%	0,20%
Loss of Ignition	5,3%							
Wet to Dry Shrinkage	5,0% casting							

Fired

Specimen Firing Temperature [°C]	1150
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	
	20 - 400 °C
	20 - 500 °C
	20 - 600 °C
Dry to Fired Shrinkage [%]	4,7
Water Absorption [%]	3,2



Casting Advice

Dolaflux B 11 : Giessfix 162	1 : 2		
Optimum Amounts	0,18%	-	0,22%
First deflocculant and afterwards, add the powder under slow stirring to the water.			
Specific Weight to Achieve	1780	-	1790 g/l
GRSZ - 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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