

Characteristics

GKR - T is a component for ceramic bodies (stoneware, earthenware, etc .).
 GKR - T shows good rheological properties.
 Available as powder

Firing Colour	red
Recommended Firing Temperature Range	1000 - 1180 °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
	68,6%	1,00%	19,0%	6,00%	0,20%	1,00%	3,90%	0,30%
Loss of Ignition	5,5%							
Residue [63 µm]	8,0 %							
Wet to Dry Shrinkage	3,0%	casting						

Fired

Specimen Firing Temperature [°C]	1040	
Coefficient of Thermal Expansion [x10-6/°C]		
	20 - 400 °C	7,1
	20 - 500 °C	7,6
	20 - 600 °C	9,0
Dry to Fired Shrinkage [%]	3,0	
Water Absorption [%]	15,0	



Casting Advice

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	1780	-	1800 g/l
GK / R - T needs about 44 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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