

Characteristics

GW / K - T is a light earthenware body. It is suitable for casting. Particularly used for stove - tiles.
Available as blended powder.

Firing Colour	cream
Recommended Firing Temperature Range	1000 - 1150 °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
	70,6%	1,20%	18,7%	0,60%	4,60%	1,50%	2,40%	0,40%
Loss of Ignition	9,2%							
Wet to Dry Shrinkage	4,0%	casting						

Fired

Specimen Firing Temperature [°C]	1040	
Coefficient of Thermal Expansion [x10-6/°C]		
	20 - 400 °C	7,3
	20 - 500 °C	7,8
	20 - 600 °C	9,3
Dry to Fired Shrinkage [%]	0,3	
Water Absorption [%]	13,5	



Casting Advice

Dolaflux B 11 : Giessfix 162	1 : 2		
Optimum Amounts	0,15%	-	0,19%
First deflocculant and afterwards, add the powder under slow stirring to the water.			
Specific Weight to Achieve	1800	-	1830 g/l
GW / K - T needs about 41 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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