

Characteristics

GR is a red earthenware body for casting.
Available as blended powder (GR - T / Neu), casting slip in buckets (GR).

Firing Colour	red - red brown
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
	69,6%	1,20%	17,6%	3,50%	4,60%	0,60%	2,70%	0,20%
Loss of Ignition	8,3%							
Wet to Dry Shrinkage	4,4% casting							

Fired

Specimen Firing Temperature [°C]	1040	
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]		
	20 - 400 °C	7,1
	20 - 500 °C	7,5
	20 - 600 °C	8,9
Dry to Fired Shrinkage [%]	0,4	
Water Absorption [%]	12,0	

Casting Advice

Optimum Amounts	-		
Specific Weight to Achieve	1780	-	1800 g/l
Check specific weight: If specific weight is too high, please add water step by step.			
10 ml water in 1 l casting slip reduces specific weight by app. 10 g.			

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The technical data quoted on this sheet is indicative only. Any sale is by sample and is governed by our general conditions of sale.

**KERAMISCHE MASSEN**

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21.07.2015

