

Characteristics

GW is a light earthenware body for casting.
Available as casting slip in buckets.

Firing Colour	white - cream
Recommended Firing Temperature Range	1000 - 1150 °C

Technical Data

Unfired

Moisture	28,5% Casting slip							
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	69,9%	1,10%	18,5%	0,60%	5,30%	1,70%	2,50%	0,40%
Loss of Ignition	9,5%							
Wet to Dry Shrinkage	3,4% casting							

Fired

Specimen Firing Temperature [°C]	1060
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	
	20 - 400 °C 7,1
	20 - 500 °C 7,7
	20 - 600 °C 9,0
Dry to Fired Shrinkage [%]	0,5
Water Absorption [%]	13,5



Casting Advice

Optimum Amounts	-		
Specific Weight to Achieve	1815	-	1830 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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Technical Data

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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