

Earthenware Red - GMRC

Chemical analysis	SiO ₂	63,5 %
	Al ₂ O ₃	19,5 %
	TiO ₂	1,6 %
	Fe ₂ O ₃	5,0 %
	CaO	7,6 %
	MgO	0,5 %
	K ₂ O	2,2 %
	Na ₂ O	0,0 %
	Loss on ignition	9,7 %

Firing behaviour	°C	°C	°C	°C
Firing temperature	1000	1050	1100	1150
Dry shrinkage	6,3	6,3	6,3	6,3
Firing shrinkage	0,9	1,8	2,3	2,1
Total shrinkage	7,1	7,9	8,8	8,0
Water absorption	18,9	16,9	15,4	13,9
Firing color	light red	light red	brickred	brickred
L*	55	52	48	45
a*	23,1	23,8	23,3	21,4
b*	26,8	27,0	24,9	23,0

Screen analysis	< 125 µm	98,0 %
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Modulus of rupture		N/mm ²	
Thermal expansion coefficient	(prefired 1000°C)	20-400°C	72 · 10 ⁻⁷ /K
		20-500°C	77 · 10 ⁻⁷ /K
		20-600°C	91 · 10 ⁻⁷ /K

Above technical data are for information only. Our materials are sold according to samples and according to our general selling terms.