

Bond clay - T112

Chemical analysis	SiO ₂	73,2 %
	Al ₂ O ₃	21,9 %
	TiO ₂	1,3 %
	Fe ₂ O ₃	1,3 %
	CaO	0,2 %
	MgO	0,5 %
	K ₂ O	2,4 %
	Na ₂ O	0,1 %
	Loss on ignition	6,5 %

Mineral analysis	Kaolinite	25 %
	Mica	16 %
	Montmorillonite	Traces
	Quartz	55 %
	Feldspar	0 %
	Fe-Ti	3 %

Firing behaviour	°C	°C	°C	°C
Firing temperature	1000	1100	1200	1300
Dry shrinkage	5,4	5,4	5,4	5,4
Firing shrinkage	1,4	3,1	4,8	4,9
Water absorption	12,0	8,6	3,4	1,6
Firing color	white	white	white	white-grey

Sedimentation analysis	< 20 µm	100,0 %
	< 6,3 µm	92,0 %
	< 84 µm	84,0 %

Modulus of rupture	2,8 N/mm ²
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Above technical data are for information only. Our materials are sold according to samples and according to our general selling terms.