bodmerton
swiss quality clay

Technical data sheet

as of February 2026

article	507 W
description	Bentonite white
ceramic formula	$Al_2O_3 \cdot 4\ SiO_2 \cdot H_2O$
melting range	sintering from 1030° C

Chemical analysis

SiO_2	57,2 %
Al_2O_3	23,6 %
Fe_2O_3	2,1 %
MgO	2,0 %
CaO	1,4 %
Na_2O	1,3 %
K_2O	1,1 %
TiO_2	0,2 %
loss on ignition	11,0 %

Physical properties

composition	80 % Montmorillonit | 20 % others
dry sieve residue 63 µm	max. 25 %

Usage

in glazes:	Floating agent, add 0.5 to 2 %. Do not add more due to severe shrinkage and cracking. Improves the grip strength of unfired glazes.
in engobes:	Adding up to 5 % is helpful in lean engobes.
in masses:	Adding up to 5 % makes non-plastic clays turnable.

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