bodmerton
swiss quality clay

Technical data sheet

as of june 2025

article	C40
description	porcelain casting slip
firing range	1250°–1300° C
firing colour	white

Chemical analysis

SiO_2	63,13 %
Al_2O_3	25,67 %
Na_2O	1,51 %
K_2O	1,06 %
Fe_2O_3	0,43 %
CaO	0,30 %
TiO_2	0,09 %
MgO	0,06 %
loss on ignition	8,04 %

Physical properties

dry shrinkage	approx. 3 %
firing shrinkage	approx. 12,5 %% at 1280° C
thermal expansion coefficient	5–5,5 x 10^{-6} (50°–300°C)
Origin	Spain

Usage

addition of water	approx. 45–50 %
if needed: casting aid Dolaflux	up to max. 0.05 %
weight per litre	ca. 1,65–1,75 kg/l
viscosity	50–70 s (Ford-Cup Nr. 4)

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