

FICHE TECHNIQUE

W4010

Characteristics

W 4010 is a stoneware body. It is suitable for plastic forming methods.

Available as plastic body: PB W 4010 BO

Chamotte proportion: 40 %, chamotte size range: 0 – 1.0 mm

Firing Colour	light cream - light grey		
Recommended Firing Temperature Range	1000	-	1280 °C

Technical Data (typical values)

Unfired

Moisture 16,5% plastic

Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	73,5%	1,60%	20,0%	1,00%	0,20%	0,40%	2,40%	0,25%

Loss of Ignition 3,5%

Wet to Dry Shrinkage 4,0% plastic properties

Fired

Specimen Firing Temperature [°C] 1200

Coefficient of Thermal Expansion [x10⁻⁶/°C]

20 - 400 °C	6,5
20 - 500 °C	6,8
20 - 600 °C	8,2

Dry to Fired Shrinkage [%] 3,0

Water Absorption [%] 5,0

