

Bright White Midfire

Technical Data

Characteristics

Bright White Midfire is a porcelain body suitable for plastic forming methods. Dry bending strength: 5,6 N/mm² Available in plastic form.

Firing Colour	white		
Recommended Firing Temperature Range	1150	-	1260 °C

Technical Data (typical values)

Unfired

Moisture	25,5%	plastic						
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	61,0%	0,15%	33,7%	0,40%	0,60%	0,30%	2,20%	1,50%
Loss of Ignition	6,7%							
Wet to Dry Shrinkage	6,3%	plastic properties						

Fired

Specimen Firing Temperature [°C]	1180	1200	1240
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]			
20 - 400 °C		6,7	
20 - 500 °C		7,1	
20 - 600 °C		7,8	
Dry to Fired Shrinkage [%]	12,0	12,5	13,5
Water Absorption [%]	0,4	0,10	0,10

The technical data quoted on this sheet is indicative only. Any sale is by sample and is governed by our general conditions of sale.

