

BODY STWPC 8BA

Stoneware Body
Spray-dried Granulate for Conventional and Pressure Casting

Chemical Analysis	
SiO ₂	68,0%
Al ₂ O ₃	21,80%
K ₂ O	1,45%
Na ₂ O	1,25%
MgO	0,35%
CaO	0,20%
Fe ₂ O ₃	0,75%
TiO ₂	0,40%
L.O.I.	5,80%

Particle Size Distribution (Mastersizer)	
D (50)	10,5 µm

Residue (63 µm)	2,0%
Bending Strength (Dried)	2,0MPa

Casting Properties	[Density 1730g/l]
Viscosity	310° G
Tixotropy (1min.)	60° G
Casting Thickness (4,5bar/4min.)	5,5 mm

Fired Properties	[Temperature 1160° C]
Shrinkage (Dried-Fired)	7,0%
Water Absorption	7,0%
Bending Strength (Fired)	28MPa
Thermal Expansion (400° C)	182 x 10 ⁻⁷ °C ⁻¹
Colour	L 87,0 a 2,5 b 10,0

The data quoted are based upon the average results of standard test methods.
This indicative technical information is not intended to be construed as product specification.

2015.08SB