

	PRO CERMIAC BLANKET 1260°				PRO CERMIAC BLANKET 1430°		
Chemical analysis							
SiO ₂	53.0 - 58.0				52.0 - 56.0		
Al ₂ O ₃	42.0 - 47.0				28.0 - 32.0		
ZrO ₂	-				14.0 - 18.0		
Zasady	< 0.25				< 0.25		
Fe ₂ O ₃ + TiO ₂	< 0.2				< 0.2		
Physical properties							
Colour	White				White		
Work temperature (°C)	1260				1430		
Melting temperature (°C)	1760				1740		
Fibre diameter (microns)	3.25				3.25		
Specific heat at 1000 °C (J / kgK)	1140				1035		
Persistent linear shrinkage (%) 24 hours soaking							
1250	2.6				2.7		
Density (kg/m ³)	64	96	128	160	96	128	160
Thermal conductivity (W/m.K)							
<i>Mean temperature</i>							
200 °C			0,08				
400 °C			0,10				
600 °C	0,18	0,14	0,12	0,11			
800 °C	0,27	0,22	0,18	0,16	0,24	0,19	0,18
1000 °C	0,42	0,36	0,28	0,21	0,34	0,27	0,25
1200 °C					0,44	0,36	0,33
Tensile strength (kPa)							
	35	55	75	95	70	90	110

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