

Technical Data Sheet



Product Name :	Aptakorit CM 1
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Maximum Service Temperature	°C	1350
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Apparent Density	g/cm ³	2,04
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Apparent Porosity	%	22,0
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Modulus of Rupture 3-Point Test		
at 20 °C	N/mm ²	14,7
at 1000 °C	N/mm ²	-
at 1100 °C	N/mm ²	19,7
at 1200 °C	N/mm ²	18,9
at 1250 °C	N/mm ²	16,0
at 1300 °C	N/mm ²	14,1

Thermal Expansion at 1000 °C	x 10 ⁻⁶ K ⁻¹	2,1
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Thermal Conductivity	W m ⁻¹ K ⁻¹	1,0
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Specific Heat Coefficient at 20 °C	J/kg K	0,9
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Softening under Load To	°C	1385
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Chemical Composition :		
Al ₂ O ₃	%	38,0
SiO ₂	%	
MgO	%	7,6

These data are for information only. They correspond to the values commonly observed for the materials produced.