



Product Name :		<b>Aptalite</b>
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Maximum Service Temperature		
oxidising atmosphere	°C	<b>1300</b>

Apparent Density	g/cm <sup>3</sup>	<b>1,51</b>
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Apparent Porosity	%	<b>38,9</b>
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Modulus of Rupture 3-Point Test		
at 20 °C	N/mm <sup>2</sup>	<b>21</b>

Modulus of Elasticity	GPa	<b>23</b>
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Thermal Expansion	at 1000 °C	x 10 <sup>-6</sup> K <sup>-1</sup>	<b>2,59</b>
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Thermal Conductivity	at 20 °C	W / m K	<b>1,23</b>
	at 1250 °C	W / m K	<b>1,29</b>

Specific Heat Coefficient	at 20 °C	J / g K	<b>0,92</b>
	at 1250 °C	J / g K	<b>1,15</b>

Chemical Composition :			
	Al <sub>2</sub> O <sub>3</sub>	%	<b>38,0</b>
	MgO	%	<b>8,6</b>

All data are typical values, determined on test specimens. They are subject to reasonable variations in the common production process.

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