



Product Name :

Aptalite

Maximum Service Temperature oxidising atmosphere		° C	1300
Apparent Density		g/cm ³	1,51
Apparent Porosity		%	38,9
Modulus of Rupture 3-Point Test			
	at 20 °C	N/mm ²	21
	at 1000 °C	N/mm ²	-
	at 1100 °C	N/mm ²	
	at 1200 °C	N/mm ²	
	at 1250 °C	N/mm ²	
	at 1300 °C	N/mm ²	
Modulus of Elasticity		GPa	23
Thermal Expansion	at 1000 °C	10 ⁻⁶ . K ⁻¹	2,59
Thermal Conductivity	at 20°C	W .m ⁻¹ .K ⁻¹	1,23
	at 1250°C	W .m ⁻¹ .K ⁻¹	1,29
Specific Heat Coefficient	at 20 °C	J.kg ⁻¹ . K ⁻¹	920
	at 1250°C	J.kg ⁻¹ . K ⁻¹	1150
Softening under Load	To	° C	
Chemical Composition :			
	Al ₂ O ₃	%	38
	SiO ₂	%	
	MgO	%	8,6

All these data are given for information only and can be under no circumstances considered as specifications. The customer must validate under its own responsibility the behaviour and performances of the product in its own process before use.