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Data Sheet of

G8

Upper Application limit temperature	1000°C		
Bulky Density	1100 kg/m³		
Open Porosity	55%		
Compression Strength	22 MPa		
Flexural Strength	10 MPa		
Hardness	65 Shore D		
<u>Shrinkage after 12h</u>			
Length and width	750°C	0.25%	
Thickness	750°C	0.80%	
<u>Thermal Conductivity λ at t_3</u>			
		(W/mK)	
		⊥	//
400°C		1.22	2.59
600°C		0.93	2.06
800°C		0.62	0.87
⊥ perpendicular to board plane // parallel board plane			
<u>Chemical composition</u>			
Calcium silicate	91%		
Graphite	8%		
R _x O _x (R=Fe,Ti,K,Na)	1%		
<u>Dimensions</u>			
Standard sizes & tolerances			
Length	±2;*0/+50	mm	1,000/1,500/3,000*
Width	0/+20	mm	1,250
Thickness	0/+0.8	mm	12.7/19.1/25.4/31.8/38.1/50.8/76.2/101.6

The information provided in this data sheet does not present guaranteed properties and cannot be used for any warranty claims.