

SHAPED PRODUCT	C-8
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CLASSIFICATION UNE EN ISO 10081 UNE-EN 12475-4	Dense firebrick, ceramic bonded. Base corundum. Group HA 75
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REFERENCE	932172	0214		GROUP	FAMILY	STANDARD
				LD	55	

CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al ₂ O ₃	80,0	%
SiO ₂	17,0	%
Fe ₂ O ₃	0,7	%

PHYSICAL PROPERTIES

Classification Temperature	1600	°C	
Aparent density (dense material)	2,85	Kg./dm ³	EN 993-1
Open porosity (dense material)	20,0	%	EN 993-1
Cold crushing strength:			
Dense material	600	Kg./cm ²	EN 993-5
Softening under load	T2	1600	°C
			EN ISO 1893
Sudden change in temperature	20	Cycles	PRE / R.5.1
Thermal conductivity	400 °C	1,80	W/m.K
	800 °C	2,00	W/m.K
	1200 °C	2,10	W/m.K

"A" Alternative method= Spectrometry by FRX

Applicable standards indicated. Other standards prior arrangements.

The thecnical characterics represent the medium values from reconized essay methods of standard materials; they are under the normal variations ofmanufacturins and should not be considered like specifications.

EQUIVALENCES

1 N/mm² = 1 MPa = 10,2 kg/cm²
 1 kg/cm² = 0,098 MPa = 0,098 N/mm²
 1 W/mK = 0,86 kcal/mhK
 1 Kcal/mK = 1,16 W/mK