

SHAPED PRODUCT	RA
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CLASSIFICATION UNE EN ISO 10081 UNE-EN 12475-4	Dense firebrick, ceramic bonded. Base calcined refractory clay of low alumina content. Group LF 10
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REFERENCE	937500	0920	402.RC	GROUP	FAMILY	STANDARD
				LD	5	

CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al ₂ O ₃	28,0	%
SiO ₂	61,0	%
Fe ₂ O ₃	4,5	%
CaO	1,0	%

PHYSICAL PROPERTIES

Classification Temperature	1280	°C	
Apparent density (dense material)	1,95	Kg./dm ³	EN 993-1
Open porosity (dense material)	24,0	%	EN 993-1
Cold crushing strength:			
Dense material	250	Kg./cm ²	EN 993-5
Softening under load	1280	°C	EN ISO 1893
Sudden change in temperature	25	Cycles	PRE / R.5.1
Linear reversible dilation	1000 °C	0,60	%
Thermal conductivity	400 °C	0,90	W/m.K
	800 °C	1,05	W/m.K
	1200 °C	1,30	W/m.K

"A" Alternative method= Spectrometry by FRX

Applicable standards indicated. Other standards prior arrangements.

The technical characteristics represent the medium values from recognized essay methods of standard materials; they are under the normal variations of manufacturers 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