

SHAPED PRODUCT	R-42
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CLASSIFICATION UNE EN ISO 10081 UNE-EN 12475-4	Dense refractory support piece of ceramic bonded. Base calcined refractory clay. Group FC 35
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REFERENCE	937688	1117	405.RC	GROUP	FAMILY	STANDARD
				DE	5	

CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al ₂ O ₃	35,0	%
SiO ₂	55,0	%
CaO	<	1,0 %

PHYSICAL PROPERTIES

Classification Temperature	1250	°C	
Aparent density (dense material)	2,02	Kg./dm ³	EN 993-1
Open porosity (dense material)	25,0	%	EN 993-1
Cold crushing strength:			
Dense material	250	Kg./cm ²	EN 993-5
Softening under load	1380	°C	EN ISO 1893
Sudden change in temperature	25	Cycles	PRE / R.5.1
Linear reversible dilation	1000 °C	0,50	%
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 thecnical characteristics 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