

SHAPED PRODUCT	R-COR-P-I
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CLASSIFICATION UNE EN ISO 10081 UNE-EN 12475-4	Dense refractory support piece of ceramic bounded. Base calcined clay refractory. Group FC 30
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REFERENCE	930506	0320	668.RC	GROUP	FAMILY	STANDARD
				DE	10	

CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al₂O₃	35,0	%
SiO₂	55,0	%
Fe₂O₃	2,5	%
MgO	4,3	%
CaO	0,8	%

PHYSICAL PROPERTIES

Classification Temperature	1300	°C	
Aparent density (dense material)	2,00	Kg./dm ³	EN 993-1
Open porosity (dense material)	21,0	%	EN 993-1
Cold crushing strength:			
Dense material	250	Kg./cm ²	EN 993-5
Softening under load	1350	°C	EN ISO 1893
Sudden change in temperature	WATER	> 90	Cycles PRE / R.5.1
Linear reversible dilation	1000 °C	0,35	%
Thermal conductivity	400 °C	0,95	W/m.K
	800 °C	1,10	W/m.K
	1200 °C	1,35	W/m.K

OBSERVATIONS

Old R-COR-P

"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