

SHAPED PRODUCT	R-COR-SCO
-----------------------	------------------

CLASSIFICATION UNE EN ISO 10081 UNE-EN 12475-4	Dense refractory support piece of ceramic bounded. Base calcined refractory clay and cordierite. Group FC 30
---	--

REFERENCE		0320	604.RC	GROUP	FAMILY	STANDARD
				DE	10	

CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al₂O₃	32,0	%
SiO₂	58,0	%
Fe₂O₃	2,5	%
MgO	4,2	%

PHYSICAL PROPERTIES

Classification Temperature	1200	°C	
Apparent density (dense material)	2,00	Kg./dm ³	EN 993-1
Open porosity (dense material)	20,0	%	EN 993-1
Cold crushing strength:			
Dense material	175	Kg./cm ²	EN 993-5
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

"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 manufacturing 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