SHAPED PRODUCT	PI-90

CLASSIFICATION **UNE EN ISO 10081** **UNE-EN 12475-4**	Cast and fired refractory shape of LCC concrete. Base corundum. Class 1750ºC

REFERENCE	931100	0915	166.IC	**GROUP**	**FAMILY**	STANDARD
				DE	30	

CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al2O3	93,0	%
SiO2	4,5	%
Fe2O3	0,7	%

PHYSICAL PROPERTIES

Classification Temperature		1750	°C	
Aparent density (dense material)		2,95	Kg./dm3	EN 993-1
Open porosity (dense material)		18,0	%	EN 993-1
Cold crushing strength:				
Dense material		350	Kg./cm2	EN 993-5
Softening under load		1700	°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**	2,00	W/m.K	
	800°C	2,05	W/m.K	
	1200°C	2,10	W/m.K	

OBSERVATIONS

Test of preformed pieces s/ EN 1402.7

"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