SHAPED PRODUCT	ELECTROFUNDIDO 50/33

CLASSIFICATION **UNE EN ISO 10081** **UNE-EN 12475-4**	Dense firebrick, by fusion bonded. Base alumina, zircon and silica. Group AZS 30

REFERENCE		1018	PY	**GROUP**	**FAMILY**	STANDARD
				DE	45	

CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al2O3	50,7	%
SiO2	15,2	%
Fe2O3	0,1	%
Ti2O	0,1	%
CaO	0,1	%
Na2O	1,15	%
ZrO2	32,7	%

PHYSICAL PROPERTIES

Classification Temperature			1750	°C	
Aparent density (dense material)			3,60	Kg./dm3	EN 993-1
Cold crushing strength:					
Dense material			2000	Kg./cm2	EN 993-5
Softening under load		>	1700	°C	EN ISO 1893
Linear reversible dilation	**1000°C**		0,80	%	
Thermal conductivity	**400°C**		4,80	W/m.K	
	800°C		3,90	W/m.K	
	1200°C		4,70	W/m.K	

OBSERVATIONS

CN=Normal cavity. CO=Orientative cavity. SC=Without cavity.
Hoja de seguridad: HS.1.12.

"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