PRODUCT NOT CONFORMED	PYROFLOW-61

CLASIFICATION **ISO 1927-1**	Self flowing refractory dense LCC concrete of hydraulic hardening. Base chamota. Application by strained and compaction with rod. Class 1450ºC

REFERENCE	936052	1216	512.RT	**GROUP**	**FAMILY**	STANDARD
				NC	65	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al2O3	58,0	%
SiO2	36,0	%
Fe2O3	1,0	%
CaO	1,7	%

PHYSICAL PROPERTIES

Bulk density	**Dry 110°C**	2,41	Kg./dm3	ISO 1927-6
Open Porosity	**Dry 110°C**	16,00	%	ISO 1927-6
Compressive strenght	**Dry 110°C**	425	Kg./cm2	ISO 1927-6
	Stew 800°C	563	Kg./cm2	ISO 1927-6
	Stew 1200°C	1026	Kg./cm2	ISO 1927-6
Thermal conductivity to average temperature	**400°C**	0,93	W/m.K	ISO 1927-8
	800°C	0,93	W/m.K	ISO 1927-8
	1200°C	1,04	W/m.K	ISO 1927-8
Kneaded water of		7,5	%	ISO 1927-4

OBSERVATIONS

Autocolable refractory concrete of high increasing mechanical resistance with the temperature.
General application.
Storge limit 8 months in dry warehouse.

"A" alternative Method = Spectrometry by FRX

The technical characteristics represent the obtained average values according to methods of tests recognized on standardized materials; they are put under the normal variations of manufacture and they do not have to be taken like specifications. The data of density and compressive strenght will not be valid for manual productions.

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