PRODUCT NOT CONFORMED	PYROFORM PS-133-G

CLASIFICATION **ISO 1927-1**	Dense hydraulic refractory concrete. Base chamotte silico - aluminous. Application by gunning, casting and compaction by rod. Class 1350ºC

REFERENCE	935144	0618	156.RT	**GROUP**	**FAMILY**	STANDARD
				NC	5	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al2O3	41,2	%
SiO2	40,7	%
Fe2O3	1,38	%
CaO	8,75	%

PHYSICAL PROPERTIES

Classification temperature		1350	°C	ISO 1927-1
Bulk density	**Dry 110°C**	2,05	Kg./dm3	ISO 1927-6
Open Porosity	**Dry 110°C**	27,00	%	ISO 1927-6
Compressive strenght	**Dry 110°C**	225	Kg./cm2	ISO 1927-6
	Stew 1200°C	200	Kg./cm2	ISO 1927-6
Thermal conductivity to average temperature	**400°C**	0,70	W/m.K	ISO 1927-8
	800°C	0,72	W/m.K	ISO 1927-8
	1200°C	0,82	W/m.K	ISO 1927-8
Kneaded water of		11,0	%	ISO 1927-4

OBSERVATIONS

Refractory concrete for normal conditions of temperature.
General use.
Apt for reducing atmosphere.
Expiry 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