PRODUCT NOT CONFORMED	ISOFORM 1-2-4

CLASIFICATION **ISO 1927-1**	Insulating hydraulic refractory concrete. Base light chamotte and perlite. Application by casting and compaction by rod. Class 1100ºC

REFERENCE	935723	0615	493.RT	**GROUP**	**FAMILY**	STANDARD
				NC	10	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al2O3	39,0	%
SiO2	39,0	%
Fe2O3	7,8	%

PHYSICAL PROPERTIES

Classification temperature		1150	°C	ISO 1927-1
Bulk density	**Dry 110°C**	1,30	Kg./dm3	ISO 1927-6
Compressive strenght	**Dry 110°C**	45	Kg./cm2	ISO 1927-6
	Stew 800°C	36	Kg./cm2	ISO 1927-6
Thermal conductivity to average temperature	**400°C**	0,38	W/m.K	ISO 1927-8
	800°C	0,48	W/m.K	ISO 1927-8
Kneaded water of		60,0	%	ISO 1927-4

OBSERVATIONS

Insulating refractory concrete according to norm UOP 1:2:4.
Special for refineries.
Storage 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