

PRODUCT NOT CONFORMED**PYRORAM-60****CLASSIFICATION
ISO 1927-1**

Refractory tampable of chemistry-ceramic hardening.
 Base bauxite and chamotte.
 Application by mechanic tamped.
 Class 1600°C

REFERENCE	936730	0513	186.RT	GROUP	FAMILY	STANDARD
				NC	26	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al₂O₃	59,0	%
SiO₂	35,0	%
Fe₂O₃	1,1	%

PHYSICAL PROPERTIES

Classification temperature		1600	°C	ISO 1927-1
Bulk density	Dry 110°C	2,50	Kg./dm ³	ISO 1927-6
	Dry 110°C	150	Kg./cm ²	ISO 1927-6
Compressive strenght	Stew 800°C	360	Kg./cm ²	ISO 1927-6
	Stew 1200°C	500	Kg./cm ²	ISO 1927-6
	1000°C	0,60	%	
Reversible linear expansion	400°C	1,48	W/m.K	ISO 1927-8
Thermal conductivity to average temperature	800°C	1,58	W/m.K	ISO 1927-8
	1200°C	1,68	W/m.K	ISO 1927-8

OBSERVATIONS

Tampable mass of chemical-ceramic hardening for high temperatures and good stability.
 Storage limit 5 months in fresh warehouse.
 To avoid the frosts.

"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