

PRODUCT NOT CONFORMED**PYRORAM-42**

CLASSIFICATION ISO 1927-1	Refractory ramming mixes of chemical hardening. Base chamotte. Application by manual or mechanical tamped. Class 1400°C
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REFERENCE	936715	0513	203.RT	GROUP	FAMILY	STANDARD
				NC	26	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al₂O₃	40,0	%
SiO₂	53,5	%
Fe₂O₃	1,7	%
P₂O₅	1,0	%
CaO	1,0	%

PHYSICAL PROPERTIES

Classification temperature		1480	°C	ISO 1927-1
Bulk density	Dry 110°C	2,25	Kg./dm ³	ISO 1927-6
Open Porosity	Dry 110°C	28,00	%	ISO 1927-6
Compressive strenght	Stew 800°C	50	Kg./cm ²	ISO 1927-6
	Stew 1200°C	150	Kg./cm ²	ISO 1927-6
Subsidence under	T2	1420	°C	ISO 1927-6
Reversible linear expansion	1000°C	0,55	%	
Thermal conductivity to average temperature	400°C	0,93	W/m.K	ISO 1927-8
	800°C	0,99	W/m.K	ISO 1927-8
	1200°C	1,22	W/m.K	ISO 1927-8

OBSERVATIONS

Tampable mass of general use.
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