

PRODUCT NOT CONFORMED

PYRORAM IS-06

CLASSIFICATION ISO 1927-1	Dry refractory tampable of hardening ceramic-chemistry. Base quartzite. Application by dry moulding in and manual or mechanical compaction. Class N.D.
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REFERENCE		0513	429.RT	GROUP	FAMILY	STANDARD
				NC	40	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al₂O₃	0,3	%
SiO₂	98,0	%
Fe₂O₃	0,1	%

PHYSICAL PROPERTIES

Classification temperature		1650	°C	ISO 1927-1
Bulk density	Dry 110°C	2,20	Kg./dm ³	ISO 1927-6
Compressive strenght	Stew 1200°C	120	Kg./cm ²	ISO 1927-6
Thermal conductivity to average temperature	400°C	0,75	W/m.K	ISO 1927-8
	800°C	0,93	W/m.K	ISO 1927-8
	1200°C	1,28	W/m.K	ISO 1927-8

OBSERVATIONS

Tampable mass drought with borate addition, bases quartz.
Ceramic hardening from 1000°C.
For induction furnaces that found iron.
Storage limit 6 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