

PRODUCT NOT CONFORMED**ISOFORM 1-0-6**

CLASSIFICATION ISO 1927-1	Insulating hydraulic refractory concrete. Base perlite and light chamotte. Application by casting and compaction by rod. Class 1000°C
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REFERENCE	935718	0219	487.RT	GROUP	FAMILY	STANDARD
				NC	10	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al₂O₃	29,2	%
SiO₂	46,5	%
Fe₂O₃	4,8	%
CaO	10,7	%

PHYSICAL PROPERTIES

Classification temperature		1000	°C	ISO 1927-1
Bulk density	Dry 110°C	0,74	Kg./dm ³	ISO 1927-6
Compressive strenght	Dry 110°C	12	Kg./cm ²	ISO 1927-6
Thermal conductivity to average temperature	400°C	0,26	W/m.K	ISO 1927-8
	800°C	0,30	W/m.K	ISO 1927-8
Kneaded water of		93,0	%	ISO 1927-4

OBSERVATIONS

Insulating refractory concrete, of low mechanical resistance.
Fine grain. Very easy to mold. Not to put under flame.
Agreed with norm UOP 1:0:6.
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