

PRODUCT NOT CONFORMED**PYROFORM ULTRATIX-9500**

CLASIFICATION ISO 1927-1	Dense hydraulic ULCC refractory concrete. Base corundum. Application by casting and compaction by vibration. Class >1750°C
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REFERENCE	930228	0417	771.RT	GROUP	FAMILY	STANDARD
				NC	14	

AVERAGE CHEMICAL ANALYSIS (Obs "A")

Al₂O₃	93,5	%
SiO₂	4,0	%
Fe₂O₃	0,7	%

PHYSICAL PROPERTIES

Classification temperature		1800	°C	ISO 1927-1
Bulk density	Dry 110°C	3,10	Kg./dm ³	ISO 1927-6
Open Porosity	Dry 110°C	16,50	%	ISO 1927-6
Compressive strenght	Dry 110°C	221	Kg./cm ²	ISO 1927-6
	Stew 800°C	342	Kg./cm ²	ISO 1927-6
	Stew 1200°C	587	Kg./cm ²	ISO 1927-6
Subsidence under	T2	1650	°C	ISO 1927-6
Reversible linear expansion	1000°C	0,85	%	
Thermal conductivity to average temperature	400°C	3,13	W/m.K	ISO 1927-8
	800°C	2,96	W/m.K	ISO 1927-8
	1200°C	3,13	W/m.K	ISO 1927-8
Kneaded water of		5,7	%	ISO 1927-4

OBSERVATIONS

Thixotropic refractory concrete of very under cement content.
Maxim forces and resistance.
To knead with planetary kneader and to vibrate well.
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