

PRODUCT NOT CONFORMED**PYRORAM-94-H**

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| CLASSIFICATION ISO 1927-1 | Refractory ramming mixes of hydraulic hardening. Base corundum. Application by mechanical tamped. Class 1600°C |
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| REFERENCE | | 0513 | 462.RT | GROUP | FAMILY | STANDARD |
|-----------|--|------|--------|-------|--------|----------|
| | | | | NC | 24 | |

AVERAGE CHEMICAL ANALYSIS (Obs "A")

| | | |
|------------------------------------|------|---|
| Al₂O₃ | 91,0 | % |
| SiO₂ | 1,8 | % |
| Fe₂O₃ | 0,2 | % |
| P₂O₅ | 1,5 | % |
| Cr₂O₃ | 2,0 | % |
| CaO | 0,3 | % |

PHYSICAL PROPERTIES

| | | | | |
|--|--------------------|------|---------------------|------------|
| Classification temperature | | 1650 | °C | ISO 1927-1 |
| Bulk density | Dry 110°C | 2,83 | Kg./dm ³ | ISO 1927-6 |
| Compressive strenght | Dry 110°C | 200 | Kg./cm ² | ISO 1927-6 |
| | Stew 800°C | 300 | Kg./cm ² | ISO 1927-6 |
| | Stew 1200°C | 250 | Kg./cm ² | ISO 1927-6 |
| Thermal conductivity to average temperature | 400°C | 1,51 | W/m.K | ISO 1927-8 |
| | 800°C | 1,51 | W/m.K | ISO 1927-8 |
| | 1200°C | 1,74 | W/m.K | ISO 1927-8 |
| Kneaded water of | | 4,0 | % | ISO 1927-4 |

OBSERVATIONS

Tampable mass for induction furnaces with channels that found alloys of copper.
To knead with water and to tamp with pneumatic hammer.
To warm up slowly.
Storage limit 6 months in fresh warehouse.
Safety data sheet: HS.2.98

"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