

SHAPED PRODUCT	PYRO SILICA-96
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CLASSIFICATION UNE EN ISO 10081 UNE-EN 12475-4	Dense ceramic firebrick. Base quartzite. Group SL 93
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REFERENCE		0513	PY	GROUP	FAMILY	STANDARD
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CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al ₂ O ₃	0,7	%
SiO ₂	96,0	%
Fe ₂ O ₃	0,3	%
CaO	2,5	%

PHYSICAL PROPERTIES

Classification Temperature	1690	°C	
Apparent density (dense material)	1,83	Kg./dm ³	EN 993-1
Open porosity (dense material)	21,0	%	EN 993-1
Cold crushing strength:			
Dense material	350	Kg./cm ²	EN 993-5
Softening under load	1640	°C	EN ISO 1893
Linear reversible dilation	1000 °C	1,50	%
Thermal conductivity	400 °C	1,05	W/m.K
	800 °C	1,30	W/m.K
	1200 °C	1,60	W/m.K

OBSERVATIONS

Ladrillo de cuarcita. Dilatación térmica irregular. A menos de 500°C. Es muy sensible a los cambios bruscos de temperatura. Extremar las

"A" Alternative method= Spectrometry by FRX

Applicable standards indicated. Other standards prior arrangements.
The technical characteristics represent the medium values from recognized essay methods of standard materials; they are under the normal variations of manufacturers and should not be considered like specifications.

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