

ISULATION PRODUCT	MANTAS FC-1260
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CLASIFICATION S/EN 1094-1	Flexible insulating refractory blanket. Base fibers silicity-aluminous ceramics without alglomerants. Application by patch or subject with anchorages. Class 1260
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REFERENCE		0513		GROUP	FAMILY	ESTANDAR
				FC	10	

CHEMICAL AVARAGE ANALYSIS (Obs "A")

AL2O3	44,0	%
SiO2	56,0	%
Fe2O3	0,15	%
CaO+MgO	0,05	%
Na2O+K2O	0,1	%

PHYSICAL PROPERTIES

Classification Temperature	1260	°C	EN 1094-1		
Permanent linear shrinkage	3	%	EN 1094-6 AT 1200 °C		
Aparent density (kg/m3)	64	96	128	160	
Thermal conductivity (w/mk)					
200°C	0,07	0,06	0,06		
400°C	0,12	0,11	0,1	0,09	
600°C	0,2	0,16	0,15	0,13	
800°C	0,3	0,23	0,2	0,18	
1000°C	0,43	0,32	0,27	0,25	
Tensile strength (MPa)	30	70	90	110	

FORMATS AND PACKAGING Dimensions according thicknesses
 Thicknesses available in 6, 13, 19, 25, 38, 50 mm.
 Other dimensions to consult our technical department.

"A" Alternative Method = Spectrometry by FRX
 Indicated norms applicable. Other norms according to previous agreement.
 The technical characteristics represent the medium values from reconized essay
 methods of standard materials; they under the normal ofmanufacturins and should
 not be considered like specifications.

EQUIVALENCES
 1N/mm2 = 1MPa = 10,2 kg/cm2
 1kg/cm2 = 0,098 Mpa = 0,098 N/mm2
 1W/m.K = 0,86 kcal/m h.K
 1Kcal/m.K = 1,16 W/m.K