SHAPED PRODUCT	MULL-50

CLASSIFICATION UNE EN ISO 10081 UNE-EN 12475-4	Dense firebrick, ceramic bonded. Base andalusite. Group HA 45

REFERENCE		0914	650.RC	GROUP	FAMILY	STANDARD
				LD	30	

CHEMICAL AVERAGE ANALYSIS (Obs "A")

Al2O3	53,0	%
SiO2	44,0	%
Fe2O3	1,5	%
CaO	0,3	%

PHYSICAL PROPERTIES

Classification Temperature		1480	°C	
Aparent density (dense material)		2,40	Kg./dm3	EN 993-1
Open porosity (dense material)		16,0	%	EN 993-1
Cold crushing strength:				
Dense material		425	Kg./cm2	EN 993-5
Softening under load		1520	°C	EN ISO 1893
Thermal conductivity	**400°C**	1,10	W/m.K	
	800°C	1,30	W/m.K	
	1200°C	1,60	W/m.K	

"A" Alternative method= Spectrometry by FRX

Applicable standards indicated. Other standards prior arrangements.
The thecnical characterics represent the medium values from reconized essay methods of standard materials; they are under the normal variations ofmanufacturins 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