

# Product definition

Insulating Bricks and Slabs

Product : **TR 26-10**

Other names : RL 14-09

Ref-date : 2007-C

Maximum Classified Temperature : **1 350 °C** Mark on the brick \* : TR26-10

Brand code : 1152

Description:

Properties :	Standards	Units	Average $\mu$	Std. Dev. S	Limits	
					Ti (lower)	Ts (upper)
Classification :	ISO 2245		140			
Classification :	ASTM C155		26			
Bulk density :	ISO 5016	g/cm <sup>3</sup>	0.97			1.05
Cold Crushing Strength : (// to extrusion or perpendicular to pressing direction)	ISO 8895	MPa	4.5		3.5	
Permanent Linear Change : 12h to 1350°C	ISO 2477	%	-0.5		-2	
Chemical analysis :	XRF	%				
	Al <sub>2</sub> O <sub>3</sub>		44			
	SiO <sub>2</sub>		50			
	Fe <sub>2</sub> O <sub>3</sub>		1.3			
	TiO <sub>2</sub>		1.2			
	CaO+MgO		0.4			
	Na <sub>2</sub> O+K <sub>2</sub> O		3			
Thermal Conductivity : (Through 114 mm dimension)	ASTM C182	W/m.K				
	200 °C		0.25			
	400 °C		0.30			
	600 °C		0.35			
	800 °C		0.40			
	1 000 °C		0.45			
	1 200 °C					
Reversible Thermal Expansion : (20°C to 1000°C)	NF B40 308	%	0,6			
Pyroscopic Cone Equivalent :	ISO 528	°C	1730			

Dimensional tolerances:	Standard pieces	Non Standard pieces
	Length Width Thickness Squareness	±1.5%, mini ±2mm ±1.5%, mini ±2mm ±1.5%, mini ±2mm 1mm / 100mm

Other Informations :	Quality for MSA
Recommended mortar :	
Manufacturing Plant :	LIBOS (F47500)

Physical properties are based on averages of routine quality controls carried out from bricks 230 x 114 x 64 mm or 230 x 114 x 76 mm. Averages and standard deviations are indicative values, limits (Ti et Ts) are guaranteed values.

\* The marking is not contractual.

Frequency, Sampling, Acceptation Methods are detailed in our C.T.C./Q.P.D. (Document n° 8030).