



LEBAILLY S.A.
PRODUITS REFRACTAIRES & CERAMIQUES
Maison fondée en 1842
rue Octave Mahieu 37 - B 7334 HAUTRAGE

BRO^(*)

Classification

Classification : Silico Alumina Bricks
Main Raw Material Components : Refractory clay - Chamotte
Bond type : Ceramic

Chemical Analysis

	Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	K ₂ O	Na ₂ O + CaO
Value [%]	28	1,3	65	2.5	1.7	Traces
σ	4	0.2	3	0.2	0.2	

Caractéristiques physiques

	Unit	Typical	Reference Value
Bulk Density	g/cm ³	2.15	Min 1,95
Density	g/cm ³	2.67	Min 2,6
Apparent Porosity	%	18	Max 21
Cold Crushing Strength	N/mm ²	55	Min 20
Refractoriness Under Load	T 0,5	1320	
Pyroscopic Resistance	°C	1520	Min 1500
Thermal Conductivity	At 200°C	1.05	Max 1,1
	At 400°C	1.14	
	At 600°C	1.24	Max 1,5
	At 800°C	1.33	
PVD at 1300°C 5H	%	-0.2	Max -1

(*) : BRO = *Brique Réfractaire Ordinaire* - Standard refractory Brick

*Technical values taken over a long period on standardised forms, mechanically pressed -
- light differences can be observed on other type of bricks -
- these informations are not contractual except otherwise stated in case of order -*

Last update May 2011
Approved by H.J.