



# CLAYRAC™

## REFRACTORY CHAMOTTES

Chamotte calcined in rotary kiln out of kaolinitic clays from the Charentes basin (S-W of France).

	CLAYRAC 45	CLAYRAC 42	CLAYRAC 40	CLAYRAC 38
<b>CHEMICAL ANALYSIS (% on fired)</b>				
Al <sub>2</sub> O <sub>3</sub>	45,0	43,0	41,0	38,0
SiO <sub>2</sub>	50,9	52,9	54,2	56,7
Fe <sub>2</sub> O <sub>3</sub>	1,4	1,3	1,7	1,8
TiO <sub>2</sub>	1,6	1,6	1,7	1,9
K <sub>2</sub> O	0,4	0,5	0,7	0,9
Na <sub>2</sub> O	0,1	0,1	0,1	0,1
CaO	0,3	0,3	0,3	0,3
MgO	0,3	0,3	0,3	0,3
<b>PHYSICAL PROPERTIES</b>				
Apparent density	2,55	2,47	2,42	2,40
Open porosity (%)	4,0	6,0	8	9,1
Water absorption (%)	1,6	2,4	3,3	3,8
<b>REFRACTORINESS</b>				
°C	1780	1450	1420	1390

These figures are only typical datas. Specifications/Individual. Technical data sheets are available upon request.

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