

A high-fired refractory chamotte with high thermal expansion. If used in fine fireclay sanitary ware, it increases the impact of the ceramic body's compressive stress on the glaze which in turn reduces sensitivity to hairline cracks.

CHAMOTTE GFR-CR ¹⁾

Chemical analysis [%]	SiO ₂	65,5
	Al ₂ O ₃	29,4
	TiO ₂	1,69
	Fe ₂ O ₃	1,76
	CaO	0,40
	MgO	0,69
	K ₂ O	0,45
	Na ₂ O	0,10
Water absorption [%]		3,9
Coefficient of expansion α [$\times 10^{-6}K^{-1}$] *pre fired 1230°C	20-200°C	14,9
	20-500°C	10,5
	20-600°C	10,5
Refractoriness	1680°C	SK 30
Firing colour		grey

Available: • ground in the range < 30 mm up to < 63 μ m • also fractional

* Pre fired in laboratory kiln

¹⁾ Cristobalite chamotte