

A chamotte with low and constant thermal expansion for products with high thermal shock resistance. Typically applied in contemporary chimney pipes.

CORDIERITE CHAMOTTE GCS-K ³⁾

Chemical analysis [%]	SiO ₂	52,6
	Al ₂ O ₃	35,6
	TiO ₂	1,59
	Fe ₂ O ₃	1,24
	CaO	0,42
	MgO	7,65
	K ₂ O	0,57
	Na ₂ O	0,02
Water absorption [%]		8,6
Coefficient of expansion α [$\times 10^{-6}K^{-1}$] *pre fired 1070°C	20-200°C	3,6
	20-500°C	3,5
	20-600°C	3,7
Refractoriness	1410°C	SK 14
Firing colour		grey

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

* Pre fired in laboratory kiln

³⁾ Special chamotte = fired from fine ceramic granulate

The quoted data are mean values. Sale is by sample and according to our terms of delivery.