

A crumbly body with high content of chamotte, suitable for manufacturing of cordierite ceramics highly resistant to thermal shock, for example, kiln linings or fire pits.

CERAMIC BODY KMC

Chamotte [mm]		0 - 0,5	
Chemical analysis [%]	SiO ₂	55,8	
	Al ₂ O ₃	30,5	
	TiO ₂	1,30	
	Fe ₂ O ₃	1,12	
	CaO	0,20	
	MgO	10,7	
	K ₂ O	0,39	
	Na ₂ O	0,01	
Loss on igniton [%]		5,40	
Moisture [%]		16,0	
Drying shrinkage [%]		3,1	
Firing shrinkage [%]	1000°C	–	
	1100°C	–	
	1200°C	0,5	
Total shrinkage [%]	1000°C	–	
	1100°C	–	
	1200°C	3,6	
Water absorbtion [%]	1000°C	–	
	1100°C	–	
	1200°C	17,9	
Coefficient of expansion α [×10 ⁻⁶ K ⁻¹]	pre fired 1230°C	20-200°C	2,7
		20-500°C	2,5
		20-600°C	2,6
Firing colour		cream	

Available: • as crumbly body • with matching moisture

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