

A crumbly body with high content of chamotte, in particular suitable for plastically shaped structural ceramics, stove tiles and earthenware.

## CERAMIC BODY KMS-W

Chamotte [mm]		0 - 0,25	
Chemical analysis [%]	SiO <sub>2</sub>	62,3	
	Al <sub>2</sub> O <sub>3</sub>	32,6	
	TiO <sub>2</sub>	1,57	
	Fe <sub>2</sub> O <sub>3</sub>	1,58	
	CaO	0,36	
	MgO	0,60	
	K <sub>2</sub> O	0,81	
	Na <sub>2</sub> O	0,13	
Loss on ignition [%]		6,30	
Moisture [%]		16,7	
Drying shrinkage [%]		4,7	
Firing shrinkage [%]	1000°C	0,7	
	1100°C	2,5	
	1200°C	4,8	
Total shrinkage [%]	1000°C	5,8	
	1100°C	6,8	
	1200°C	9,2	
Water absorption [%]	1000°C	12,2	
	1100°C	10,5	
	1200°C	8,0	
Coefficient of expansion $\alpha$ [ $\times 10^{-6}K^{-1}$ ]	pre fired 1070°C	20-200°C	4,9
		20-500°C	5,5
		20-600°C	6,4
Firing colour		creamwhite	

Available: • as crumbly body • with matching moisture

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