



Technical Data

Data sheet Rr

STANDARD FIRE CLAY FROM GERMANY

<u>Quality:</u>	Extrusion products Rr 10 - plastic extrusion quality - for all parts of the tiled oven	
<u>Color:</u>	reddish	
<u>Reference values:</u>	AL₂O₃	30%
	Application temperature	up to 1000°C
	Bulk density (according to DIN 51065/sheet 1)	1.85 g/cm³
	Porosity (according to DIN 51056)	28 Vol. %
	Cold compression strength (according to DIN 51067)	15 N/mm²
	Seger cone (according to DIN 51053)	27
	Heat expansion (linear) (according to DIN 51053)	0.54%
	Temperature change resistance (according to DIN 51068/part 2)	≥ 50
	permitted deviation in dimensions and form	
	Dimensions in mm	
	< 100	+/- 1.5
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<u>Deflection:</u> (as measure for straightness, deflection of bricks applies as diagonal across their length)		up to 1.5% of the greatest dimension

The specified analyses and physical data are averages; the specifications are made according to applicable DIN standards.