

# L28

General information	
<b>Classification</b>	Insulating refractory brick Type 150-0,90-L ISO 2245
<b>Main raw material components</b>	Light weight fireclay
<b>Bonding type</b>	Ceramic
<b>Main Application(s)</b>	Universal
<b>Classification Temperature</b>	1.510 °C

Chemical analysis					
Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Na <sub>2</sub> O+K <sub>2</sub> O	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO
67,1%	30,0%	0,9%	0,6%	0,5%	0,1%
<b>MgO</b>					
0,1%					
Determination on fired substance (1025 °C / 1877 °F) acc. to ISO 12677					

Physical properties			
<b>Bulk Density</b>		0,89	[g/cm <sup>3</sup> ] ISO 5016
<b>Cold Crushing Strength</b>		2,1	[N/mm <sup>2</sup> ] ISO 8895
<b>Permanent Linear Change</b>		-0,40	[%] ISO 2477
<b>Temperature for PLC</b>		1.510	[°C]
<b>Thermal Expansion (1440 °C / 2624 °F)</b>		0,80	[%] EN 993-19
<b>Thermal Conductivity</b>	800 °C / 1472 °F	0,34	[W/mK] ASTM C182
	1000 °C / 1832 °F	0,36	[W/mK] ASTM C182
	1200 °C / 2192 °F	0,38	[W/mK] ASTM C182

The indicated values are standard values, i.e. values taken over a longer representative period of time according to either valid test standards or internal test methods. They may not be regarded as committed specifications and therefore not as guaranteed properties. We reserve the right to further technical developments and new editions of technical product information.