



P-D Refractories CZ a.s.

Technical Data

Special Fireclay Bricks

Brand

SIII-K

Bulk Density		kg/m³	2050				
Apparent Porosity		%	24				
Cold Crushing Strength		MPa	15				
Chemical	Al_2O_3	%	37				
Composition	Fe_2O_3	%	2.5				
Refractoriness		ISO	170				
Permanent change in dimensions on heating		%	< 0.8				
Thermal Conductivity		W/K.m	<i>200°C</i>	<i>400°C</i>	<i>600°C</i>	<i>800°C</i>	<i>1000°C</i>
			1.08	1.14	1.20	1.27	1.35
Thermal Shock Resistance		cycles	> 30				

The technical data represent average reference values established by DIN-and EN (ISO)-test producers in our ceramic laboratory. They serve to give general information, they are liable to natural deviations, depending on production and shapes, and they are not to be cited as guaranteed properties or guaranteed values.

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