

MATERIAL DATA SHEET

Material description:

PROMATON®-26 are refractory lightweight bricks based on fireclay and other raw materials. The bricks are made by casting or pressing technologies with final calibration into standard and non-standard formats.

Specifications:

Designation and type:	PROMATON®-26	
Classification temperature:	1430	°C
Bulk density:	800	kg/m ³
Cold crushing strength:	2,0	MPa
Shrinkage at 1400 °C / 24 h:	0,5	%
Reversible thermal expansion 20-1000 °C:	0,6	%
Thermal conductivity at:	400 °C	0,26 W/m.K
	600 °C	0,28 W/m.K
	800 °C	0,31 W/m.K
	1000 °C	0,34 W/m.K
	1200 °C	0,36 W/m.K
Chemical analysis:	Al ₂ O ₃	57 %
	SiO ₂	41 %
	Fe ₂ O ₃	0,8 %
	alkali	1,2 %
Tolerance of dimension:	for dimensions	± 1 mm
	for bulk density	± 10 %

All details correspond to the state of technology and have been described to the best of our knowledge. Changes on the base of new results are possible. Data in material data sheet are higher priority, that data in catalogue.

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