

HEGSEL Carbon Brick

Acid-Resistant Carbon Bricks

You Build, We Protect!

Description

Dimensions	240 x 115 x 20 – 100 mm
Quality	A
Base Material	Carbon

Technical Data

	Unit	Value
Bulk Density	g/cm ³	1,50 – 1,60
Apparent Porosity	%	18 - 25
Compressive Strength	N/mm ²	Approx. 40
Flexural Strength	N/mm ²	Approx. 12
Modulus of Elasticity	N/mm ²	Approx. 1,2 x 10 ⁴
Tensile Strength	N/mm ²	Approx. 6
Linear Thermal Expansion Coefficient	K ⁻¹	Approx. 3,5 x 10 ⁻⁶ (293 - 573 K)
Thermal Conductivity	W/mK	4 - 6
Temperature Resistance	°C	350
Ash Content	%	< 1
Specific Electrical Resistance	Ω · mm ² /m	50 - 80
Thermal Shock Resistance	-	Very good

*Notice: All above values shall be used as a guideline for specifications

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