

Kiln furniture for your future

ALPHA CERAMICS Aachen

ALPHA CERAMICS GmbH Jülicher Strasse 334 D-52070 Aachen



Chemical Composition	Alpha-MgO	
MgO	99,3	% min.
CaO	0,35	% max.
Al ₂ O ₃	0,20	% max.
Fe ₂ O ₃	0,10	% max.
SiO ₂	0,35	% max.
B + Cd	10	ppm max.

Mechanical Properties		
Apparant density	2560	Kg /m ³
Open porosity	27,5	Vol. %
3-pt Bending strength (20°C)	55	MPa
Young's modulus	115	GPa

Thermal Properties		
Thermal shock resistance		
Maximum working temperature	1600	°C
Expansion coefficient (1500°C)	12,5	10 ⁻⁶ /K

N.B.: Data given in this technical information sheet have been determined as average values on test specimens and should only be used as a guidance

HRB 7493 Aachen
Tel. 0241/16003-0
Fax 0241/16003-29
Ust-Ident-Nr.: DE 812 75 77 39

Bankaccount:
Sparkasse Aachen
Bankcode no. 390 500 00
Account no. 25 026 220

General Manager:
Robert Guntlin
info@alpha-ceramics.de