



PRODUCT SPECIFICATIONS MORTAR

General Information	
Brand Name	VALG RAMA93
Product Description	Alumina based induction furnace lining material for high application temperature and service time.

Chemical Analysis		Unit	Standards
SiO ₂	0.3	%	EN ISO 12677
Fe ₂ O ₃	0.1	%	
Al ₂ O ₃	87.0	%	
MgO	12.5	%	

Physical Properties		Unit	Standards
Bulk Density at 1700 °C	2.9	gr/cm ³	ASTM C 830-00*
PLC at 1100 °C	0.5	%	ASTM C 179-04*
PLC at 1700 °C	4.2	%	
CCS at 1100 °C	4.0	N/mm ²	ASTM C 133-97*
CCS at 1700 °C	22.0	N/mm ²	
Grain Size	0-5	mm	ASTM C 92-95*

*Test specimen are prepared according to ASTM C 975-09 standard.

Chemical values are quality characteristics of raw materials used in production. Physical values are quality characteristics of standard size pressed in machine. They are obtained by related ASTM and EN standards and should not be considered as binding specifications.

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.

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