



TECHNICAL DATA

CALDE® GUN C 28 HR

PRODUCT TYPE

Maximum recommended temperature	: Alumina - Silica product
Main component	Regular Castable
Type of bond	: 1500°C
Appearance	: Chamotte
Packaging	: Hydraulic
Shelf life	: Dry, for addition of water
Installation method	: Sacks
Maximum grain size	: 12 months
Material required	: Gunning
Drinking water required for mixing on site	: 6 mm
Guidelines	: 2.30 T/m³ (Rebound included)
	: Added at the nozzle
	: Installation Nr 23

PRODUCT PROPERTIES

STANDARD	AVERAGE VALUES	UNITS
<u>CHEMICAL ANALYSIS</u>		
AI2O3	EN ISO 1927-3	51.0
SiO2	EN ISO 1927-3	39.0
CaO	EN ISO 1927-3	6.9
Fe2O3	EN ISO 1927-3	1.1
<u>PHYSICAL PROPERTIES</u>		
<u>Measured on samples prepared by gunning</u>	CALD 010	-
<u>Bulk density</u>		
after drying at 110 °C	EN ISO 1927-6	2.15
after firing at 800 °C	EN ISO 1927-6	2.00
<u>Cold crushing strength</u>		
after drying at 110 °C	EN ISO 1927-6	70
after firing at 800 °C	EN ISO 1927-6	50
after firing at 1200 °C	EN ISO 1927-6	30
after firing at 1500 °C	EN ISO 1927-6	40
<u>Permanent linear change</u>		
after firing at 800 °C	EN ISO 1927-6	-0.2
after firing at 1200 °C	EN ISO 1927-6	-0.3
after firing at 1500 °C	EN ISO 1927-6	-1.0
<u>Thermal conductivity</u>		
at a mean temperature of 800 °C	EN ISO 1927-8	0.94
at a mean temperature of 1000 °C	EN ISO 1927-8	1.00
at a mean temperature of 1200 °C	EN ISO 1927-8	1.16
<u>Reversible thermal expansion after firing [20-1000 °C]</u>		
		W/mK
		W/mK
		W/mK
	0.63	%

Commercial Code : MAG50094

Version : 11

Date : 31/10/2013

The data are current production averages. They cannot be used as limits for a specification.