

CALDE® SOL CAST G C 67S24/2

PRODUCT TYPE	: Carbon containing product No cement castable
Maximum recommended temperature	: 1600°C
Main component	: Corundum , Silicon carbide
Type of bond	: Mineral reaction
Appearance	: 2 components: Dry aggregate and wet additive
Packaging	: Aggregate: sack - Binder: drum
Shelf life	: 18 months
Installation method	: Vibrating
Maximum grain size	: 10 mm
Quantity of binder to be added	: 7.6 / 9.1 kg per 100 kg of dry material
Guidelines	: Installation Nr 45

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
<u>CHEMICAL ANALYSIS</u>			
Al ₂ O ₃	EN ISO 1927-3	67.0	%
SiC	EN ISO 1927-3	23.5	%
SiO ₂	EN ISO 1927-3	4.2	%
Fe ₂ O ₃	EN ISO 1927-3	0.3	%
CaO	EN ISO 1927-3	0.1	%
<u>PHYSICAL PROPERTIES</u>			
<u>Measured on samples prepared according to</u>	EN ISO 1927-5		-
<u>Bulk density</u>			
after drying at 110 °C	EN ISO 1927-6	3.05	g/cm ³
<u>Cold crushing strength</u>			
after drying at 110 °C	EN ISO 1927-6	62	MPa
after firing at 1500 °C	EN ISO 1927-6	106	MPa
<u>Permanent linear change</u>			
after firing at 1500 °C	EN ISO 1927-6	+0.2	%
<u>Reversible thermal expansion after firing [20-1000 °C]</u>		0.71	%

Commercial Code : MGU20128

Version : 10

Date : 28/01/2021

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