



TECHNICAL DATA

CALDE™ TAP 220 QES

PRODUCT TYPE	: Carbon containing product
	Taphole mix
Maximum recommended temperature	: 1600°C
Main component	: Quartzite
Type of bond	: Chemical - Organic
Appearance	: ready-to-use
Packaging	: Plastic wrapped block
Shelf life	: 6 months
Installation method	: Injection
Maximum grain size	: 3 mm
Observation	: The plasticity can be adjusted to the type of taphole gun

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
<u>CHEMICAL ANALYSIS</u>			
SiO ₂	EN 1402-3	66.5	%
SiC + C	EN 1402-3	22.0	%
Al ₂ O ₃	EN 1402-3	9.9	%
<u>VOLATILE MATTERS</u>		13.5	%
<u>PHYSICAL PROPERTIES</u>			
<u>Measured on samples prepared according to</u>	LR 03 162		-
<u>Bulk density</u>			
on raw rammed sample	EN 1402-6	2.05	g/cm ³
after firing at 1000 °C	EN 1402-6	1.85	g/cm ³
<u>Open porosity</u>			
after firing at 1000 °C	EN 1402-6	26	%
<u>Cold crushing strength</u>			
after firing at 1000 °C	EN 1402-6	7.5	MPa
after firing at 1500 °C	EN 1402-6	8.5	MPa

Commercial Code : MGT00039

Version : 9

Date : 24/06/2011

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