

CALDE™ MIX BM 70 S

Sr-02

PRODUCT TYPE

Alumina - Silica product  
 dry vibrating mix  
 : 1600°C  
 Main component : Mullite  
 Type of bond : Chemical  
 Appearance : Dry, ready to use  
 Packaging : Sacks  
 Shelf life : 12 months  
 Installation method : Dry vibration or ramming  
 Maximum grain size : 6 mm  
 Material required : 2.50 T/m<sup>3</sup>  
 Guidelines : Installation Nr 19a

PRODUCT PROPERTIES	STANDARD	AVERAGE VALUES	UNITS
<u>CHEMICAL ANALYSIS</u>			
Al <sub>2</sub> O <sub>3</sub>	EN ISO 1927-3	68.0	%
SiO <sub>2</sub>	EN ISO 1927-3	22.0	%
SiC	EN ISO 1927-3	4.7	%
Fe <sub>2</sub> O <sub>3</sub>	EN ISO 1927-3	1.0	%
<u>PHYSICAL PROPERTIES</u>			
<u>Measured on samples prepared according to</u>			
Dry vibrated density	CALD 003 CALD 006	2.50	g/cm <sup>3</sup>
<u>Bulk density</u>			
after firing at 1200 °C	EN ISO 1927-6	2.37	g/cm <sup>3</sup>
after firing at 1400 °C	EN ISO 1927-6	2.36	g/cm <sup>3</sup>
<u>Cold crushing strength</u>			
after firing at 1200 °C	EN ISO 1927-6	2.6	MPa
after firing at 1400 °C	EN ISO 1927-6	2.1	MPa
<u>Permanent linear change</u>			
after firing at 1200 °C	EN ISO 1927-6	-0.2	%
after firing at 1400 °C	EN ISO 1927-6	+0.5	%
<u>Thermal conductivity</u>			
at a mean temperature of 800 °C	EN ISO 1927-8	1.46	W/mK
at a mean temperature of 1000 °C	EN ISO 1927-8	1.49	W/mK
at a mean temperature of 1200 °C	EN ISO 1927-8	1.60	W/mK

Commercial Code : MAD60015

Version : 11

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