



## DJM series mullite insulating brick

Description		DJM 20	DJM 23	DJM 24	DJM 26	DJM 28	DJM 30	DJM 32
<b>Thermal conductivity (W/m.k)</b>	400 °C	0.12	0.12	0.14	0.27	0.32	0.41	0.49
	600 °C	0.14	0.14	0.16	0.29	0.34	0.43	0.5
	800 °C	0.16	0.17	0.18	0.31	0.36	0.44	0.51
	1000 °C	0.18	0.19	0.2	0.33	0.38	0.45	0.53
	1200 °C	-	-	-	0.3	0.41	0.47	0.56
<b>Chemical Analysis(%)</b>	Al <sub>2</sub> O <sub>3</sub>	37	37	44.5	58	67	73	77
	SiO <sub>2</sub>	47	44.4	41.2	39.1	31	25.1	21.5
	Fe <sub>2</sub> O <sub>3</sub>	0.7	0.7	0.7	0.7	0.6	0.5	0.4
<b>Standard Size</b>	230x114x65/75mm or customized size							

We updated the products information constantly and confirmed with us or our distributor the validity of the current data sheets herein the TDS before relying on any data or other information in this product information sheet. A product sheet that has been superseded may contain incorrect, obsolete and /or irrelevant data and other information.

MCC ENGINEERING provides its catalog,handbooks, and any other printed materials for your general guidance. The MCC does not guarantee that the information contained within them, including but not limited to, the contents of any page that resides under the Domain Name System (DNS) registration of [www.mccengineering.com.my](http://www.mccengineering.com.my) is up-to-date,complete and accurate, and individuals assume any risks associated with relying upon information without checking other credible sources,MCC reserves the right to make changes to any provision or requirement within these sources.

## CHAMOTTE INSULATION FIREBRICK

### Typical Parameters

CHAMOTTE Series insulating FireBrick								
Description	CMT 15	CMT 13	CMT 10	CMT 09	CMT 08	CMT 07	CMT 06	CMT 05
Density (kg/cm <sup>3</sup> )	1500	1300	1000	900	800	700	600	500
Compressive strength (Mpa)	60	45	30	25	25	20	15	12
Linear change Cx12h (%)	1400	1400	1350	1300	1250	1250	1200	1150
Thermal conductivity W/(m.k) 350±25°C≤	0.7	0.6	0.5	0.4	0.35	0.35	0.25	0.25

We updated the products information constantly and confirmed with us or our distributor the validity of the current data sheets herein the TDS before relying on any data or other information in this product information sheet. A product sheet that has been superseded may contain incorrect, obsolete and /or irrelevant data and other information.

MCC ENGINEERING provides its catalog, handbooks, and any other printed materials for your general guidance. The MCC does not guarantee that the information contained within them, including but not limited to, the contents of any page that resides under the Domain Name System (DNS) registration of [www.mccengineering.com.my](http://www.mccengineering.com.my) is up-to-date, complete and accurate, and individuals assume any risks associated with relying upon information without checking other credible sources, MCC reserves the right to make changes to any provision or requirement within these sources.

## LIGHT WEIGHT HIGH ALUMINA INSULATING FIREBRICK

### Typical Parameters

LIGHT WEIGHT HIGH ALUMINA INSULATING BRICK							
Description	LWHA 10	LWHA 09	LWHA 08	LWHA 07	LWHA 06	LWHA 05	LWHA 04
Al <sub>2</sub> O <sub>3</sub>	≥48%						
Fe <sub>2</sub> O <sub>3</sub>	≤2%						
Density (Kg/cm <sup>3</sup> )	1000	900	800	700	600	500	400
Compressive strength (MPa)	4	3.5	3.0	2.5	2.0	1.5	0.8
Linear change Cx12h (%)≤	1400	1400	1400	1350	1350	1250	1250
Thermal conductivity W/(m.k) 350±25°C	0.5	0.45	0.35	0.35	0.3	0.25	0.2

We updated the products information constantly and confirmed with us or our distributor the validity of the current data sheets herein the TDS before relying on any data or other information in this product information sheet. A product sheet that has been superseded may contain incorrect, obsolete and /or irrelevant data and other information.

MCC ENGINEERING provides its catalog, handbooks, and any other printed materials for your general guidance. The MCC does not guarantee that the information contained within them, including but not limited to, the contents of any page that resides under the Domain Name System (DNS) registration of [www.mccengineering.com.my](http://www.mccengineering.com.my) is up-to-date, complete and accurate, and individuals assume any risks associated with relying upon information without checking other credible sources, MCC reserves the right to make changes to any provision or requirement within these sources.

## LOW IRON INSULATING FIREBRICK

### Typical Parameters

Description	LOW IRON INSULATING BRICK					
	LI45	LI48	LI48a	LI50	LI50a	LI52
Al <sub>2</sub> O <sub>3</sub> (%)≥	45	48	48	50	50	52
Fe <sub>2</sub> O <sub>3</sub> (%)≤	0.7	0.7	0.6	0.6	0.5	0.5
Density (kg/cm <sup>3</sup> )	600	800	1000	2000	600	800
Compressive strength (MPa)	2.0	3.0	4.2	25	2.0	3.5
Linear change °Cx12h (%)≤	1300 0.5	1300 0.4	1300 0.4	1300 0.2	1350 0.5	1350 0.5
Thermal conductivity W/(m.k) 350±25°C	0.25	0.35	0.45	1.6	0.25	0.35
Max Operating temperature (°C)	1300	1300	1350	1350	1350	1350

We updated the products information constantly and confirmed with us or our distributor the validity of the current data sheets herein the TDS before relying on any data or other information in this product information sheet. A product sheet that has been superseded may contain incorrect, obsolete and /or irrelevant data and other information.

MCC ENGINEERING provides its catalog, handbooks, and any other printed materials for your general guidance. The MCC does not guarantee that the information contained within them, including but not limited to, the contents of any page that resides under the Domain Name System (DNS) registration of [www.mccengineering.com.my](http://www.mccengineering.com.my) is up-to-date, complete and accurate, and individuals assume any risks associated with relying upon information without checking other credible sources, MCC reserves the right to make changes to any provision or requirement within these sources.