



Oreworld trade (Tangshan) co., Ltd.

## JM series insulation bricks

JM series [kiln insulation bricks](#) are made from Kaolin and high purity alumina which react together to form Mullite during the firing process, where temperatures can reach in excess of 1400°C.

### JM series insulation bricks Application:

The products are used for a variety of applications across a number of industries, including the ceramic, chemical processing, glass, and iron sectors.

### JM Series insulation bricks technical data:

ITME	JM23	JM26	JM28	JM30
Al <sub>2</sub> O <sub>3</sub> (%)	37	56	67	73
Fe <sub>2</sub> O <sub>3</sub> (%)	0.7	0.7	0.6	0.5
Classification Temperature (°C)	1260	1430	1540	1650
Bulk Density (g/cm <sup>3</sup> ) ≤	0.48	0.8	1	1.02
Cold Crushing Strength (Mpa)	1.1	1.6	2.1	2.5
Modulus of Rupture (Mpa)	0.9	1.4	1.6	2.1
Reheating Linear Change (%) CT-30 °CX 8H	1230°C -0.5	1400°C -0.5	1510°C -0.5	1620°C -0.9
Thermal Expansion 1000°C (%)	0.5	0.7	0.8	0.9
Thermal conductivity(W/m.k) 400°C	0.14	0.27	0.32	0.41
600°C	0.16	0.29	0.34	0.43
800°C	0.18	0.31	0.36	0.44
1000°C	0.2	0.33	0.38	0.45

### JM Series insulation bricks packing

by cartons and pallets.