



HITEX INSULATION (NINGBO) CO.,LTD  
宁波汉特保温材料有限公司

## MATERIAL TEST CERTIFICATE

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### Insulation FireBrick

Grade	JM23	JM26	JM28	JM30
Chemical Analysis (%)				
Al2O3	42	56	67	73
SiO2	55	41	30	24
Fe2O3	≤1	≤0.8	≤0.7	≤0.7
K2O+Na2O	1.1	1.7	1.7	1.7
Density (kg/m3)	600	800	900	1000
Classification Temp (C)	1300	1400	1500	1550
Tensile Strength (MPa)	1	1.7	2.3	3.1
Linear Shrinkage (%)	0.5	0.52	0.52	0.53
Thermal Conductivity (W/m.k)				
350°C	0.18	0.25	0.33	0.38
400°C	0.2	0.29	0.35	0.4
600°C	0.24	0.32	0.37	0.42