FJM23L is the standard ASTM Grade 23 with low thermal conductivity.

FJM23 brick has high strength and good thermal conductivity.

FJM25 brick fills the gap between 23 & 26 without the cost of high temperature brick.

FJM26L brick has the high temperature performance of 26 bricks while maximizing the heat preservation effect.

FJM26 is the traditional ASTM Grade 26.

FJM26-60 is a specialty ASTM26 grade insulating firebrick with a higher alumina content, good alkali vapor resistance ability, suitable for glazed ceramics firing and special atmosphere furnaces.

FJM26H has high strength and is especially suitable for hanging on the kiln roof.

Grade	**Unit**	**FJM23L**	**FJM23**	**FJM25**	**FJM26L**	**FJM26**	**FJM26-60**	**FJM26H**
Classification Temperature	℃	1260	1260	1350	1430	1430	1430	1430
Bulk Density	g/cm3	0.5	0.6	0.8	0.7	0.8	0.8	0.9
Cold Crushing Strength	MPa	1.2	1.6	2	1.8	2.5	2.4	2.8
Modulus of Rupture	MPa	0.7	0.9	1.2	1.0	1.4	1.3	1.5
Permanent Linear Change @ ℃×12h	%	-0.3	-0.2	-0.5	-0.9	-0.4	-0.2	-0.2
		1230	1230	1350	1400	1400	1400	1400
Thermal conductivity								
400℃	W/m.K	0.17	0.19	0.21	0.20	0.21	0.23	0.3
600℃		0.19	0.23	0.27	0.25	0.27	0.28	0.32
800℃		0.22	0.24	0.3	0.28	0.3	0.31	0.35
1000℃		0.24	0.25	0.32	0.30	0.32	0.33	0.38
1200℃		--	--	--	0.34	0.35	0.36	0.39
Chemical Composition								
Al2O3	%	42	42	50	54	55	60	62
SiO2		54	54	46	42.5	41.5	37	37
Fe2O3		0.8	0.8	0.9	0.8	0.8	0.7	0.7
TiO2		1.2	1.2	1.3	1	1	0.7	0.7
Cao+MgO		0.7	0.7	0.7	0.7	0.7	0.5	0.5
Na2O+K2O		1.3	1.3	1.1	1	1	1.2	1.2

All data above are average test results under standard procedure and are subjected to variation. Result should not be used for specification purpose or creating any contractual obligation. For more information on the safety application or materials, please contact with our sales engineer.

FJM28 is the standard ASTM Grade 28.

FJM30: ASTM30-class insulating firebrick with good permanent linear change and high-temperature strength.

FJM-32 is a reasonably priced alternative to bubble alumina brick in many high temperature applications or where high alumina content is required.

FJM30S: Specially developed for hot blast stoves, with minimal linear changes, suitable for kilns with strict requirements for high-temperature volume changes.

Grade	Unit	FJM28	FJM30	FJM30S	FJM32
Classification Temperature	℃	1540	1600	1600	1650
Bulk Density	g/cm3	0.9	1	1	1.2
Cold Crushing Strength	MPa	2.8	3	4.5	4.5
Modulus of Rupture	MPa	1.5	1.8	2	2.5
Permanent Linear Change @ ℃×12h	%	-0.8	-0.8	-0.2	-0.7
		1510	1600	1600	1650
Thermal conductivity					
400℃	W/m.K	0.3	0.4	0.4	0.43
600℃		0.32	0.42	0.42	0.5
800℃		0.35	0.44	0.44	0.51
1000℃		0.38	0.45	0.45	0.53
1200℃		0.39	0.47	0.47	0.55
Chemical Composition					
Al2O3	%	65	72	64	75
SiO2		32.3	25.7	33.5	23
Fe2O3		0.6	0.5	0.5	0.4
TiO2		0.7	0.7	0.7	0.6
Cao+MgO		0.5	0.3	0.3	0.3
Na2O+K2O		0.9	0.8	0.8	0.7

All data above are average test results under standard procedure and are subjected to variation. Result should not be used for specification purpose or creating any contractual obligation. For more information on the safety application or materials, please contact with our sales engineer.

Packing

- ✧ By IPPC15 pallet or non-fumigation pallet or as per customer's requirement.
- ✧ Standard Brick Shape Packing

Brick Shape	Dimension mm	Pallet dimension	pcs/pallet	pallet/20GP	pcs/20GP
NF1	230*114*64	1160*1100mm	680	20	13600
NF1-76	230*114*76	1160*1100mm	560	20	11200
NF2	250*124*64	1160*1100mm	532	20	10640
NF2-76	250*124*76	1160*1100mm	448	20	8960