

Insulation Brick

Description

INSUL – IFB are manufactured from high purity refractory powders and materials. During the process of production, organic and multiple filling materials are injected according to the required proportion. The brick is compressed in vacuum and sintered under high temperature.

Classifications

INSUL – IFB 23
INSUL – IFB 26
INSUL – IFB 28
INSUL – IFB 30

Features

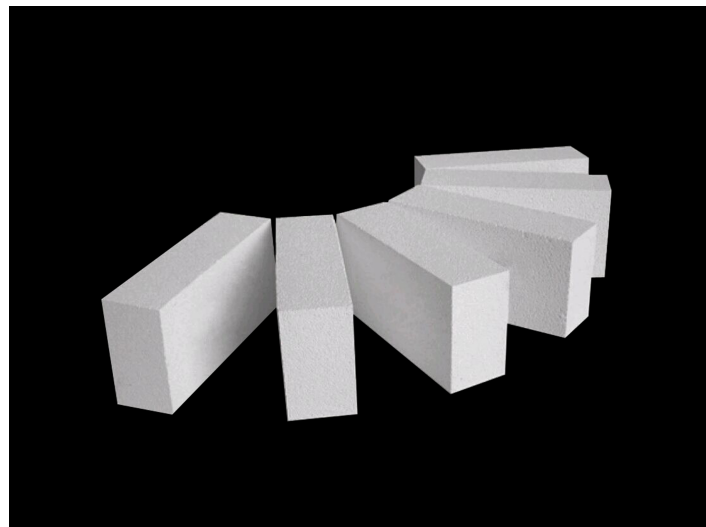
Low thermal conductivity
Lightweight
Excellent compress strength
Excellent thermal shock resistance

Applications

Petrochemical
Metallurgy
Steel industry
Ceramic

Specifications

64 x 114 x 230mm
76 x 114 x 230mm
Other specification is available according to customer's requirement.



Classification	IFB 23	IFB 26	IFB 28	IFB 30
Classification Temp(°C)	1300	1400	1500	1550
Density(kgs/m ³)	600	800	800	1000
Reheat Change (%)	0.5	0.6	0.8	0.9
(24hrs)	1250°C	1350°C	1450°C	1500°C
Tensile Strength (Mpa)	1.1	1.9	1.9	2.8
Expansion on Heating (1000°C)	0.5	0.5	0.52	0.54
Thermal Conductivity (W/m.K) 400°C	0.17	0.26	0.27	0.41
Chemical Composition (%)				
Al ₂ O ₃	42	53	67	73
Fe ₂ O ₃	1.0	0.9	0.7	0.6