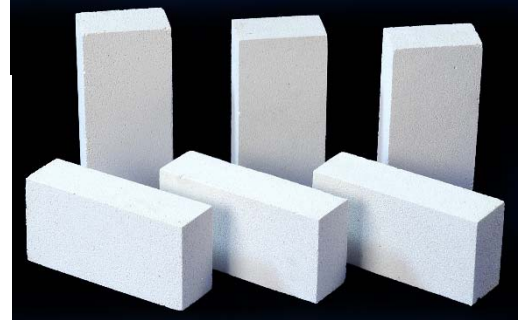


Insulating Firebrick (IFB)

CeramSource provides a complete range of insulating firebrick (IFB) That offers unsurpassed performance and value for a wide variety Of industries and applications. Many different grades of insulating Firebrick are manufactured according to international standards, and Are suitable to operate in various conditions and temperatures up to 3000°F.



Features

- Excellent thermal shock resistance
- Accurate and customized dimension
- High crushing strength
- Low thermal conductivity
- Low heat storage

Typical Application

- Metallurgy industry
- Petrochemical industry
- Ceramics industry
- Aluminum industry
- Glass industry

Description	IN-23	IN-26	IN-28	IN-30
Classification Temp (°C)	1260	1430	1540	1650
Chemical Composition (%)				
Al ₂ O ₃	40	56	64	73
SiO ₂	51	41	33	24
Fe ₂ O ₃	≤1.0	≤0.8	≤0.6	≤0.6
Density (kg/m ³)	600	800	900	1000
Modulus of Rupture (MPa)	0.9	1.5	1.8	2.0
Cold Crushing Strength (MPa)	1.2	2.4	2.8	3.0
Permanent Linear Change (%)	1230°C x 24h≤0.3	1400°C x 24h≤0.6	1510°C x 24h≤0.6	1620°C x 24h≤0.9
Thermal Conductivity (W/m·K)				
200°C	0.15	0.23	0.26	0.28
350°C	0.18	0.24	0.28	0.35
400°C	0.19	0.25	0.30	0.38
600°C	0.23	0.27	0.32	0.40

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