

CCEWOOL® LCHA series Insulating Fire Brick

Description:

The series of products are using high quality clay as the main raw material, through high temperature sintering. It is widely used in metallurgy, machinery, ceramics and chemical industry. It is an ideal energy-saving product.

Characteristics:

High strength
Good thermal stability
Small change of reheating line
Small thermal conductivity

Application:

Chamotte lightweight insulation brick can be used as hot surface refractories or other refractory materials to support insulation layer. It is mainly used for melting furnaces, kilns, flues, refineries, heaters, regenerators, gas furnaces and pipes, soaking Furnaces, annealing furnaces, reaction chambers and other industrial equipment.

Technical data and Size:

CCEWOOL® LCHA Series insulating Fire brick								
Item	LCHA15	LCHA13	LCHA10	LCHA09	LCHA08	LCHA07	LCHA06	LCHA05
Density (g/cm ³)	1.5	1.3	1.0	0.9	0.8	0.7	0.6	0.5
Compressive strength (MPa)	60	45	30	25	25	20	15	12
Linear change Cx12h (%)	1400	1400	1350	1300	1250	1250	1200	1150
Thermal conductivity W/(m.k) 350±25℃≤	0.7	0.6	0.5	0.4	0.35	0.35	0.25	0.25

