



CHAMOTTE BRICK M4

Classification:	Chamotte brick
Main raw materials:	Fire Clay
Refractoriness:	-
Type of bond:	Ceramic
Features and main applications:	In the lower layers of the rolling furnace floor, chimney and low temperature areas

Chemical Composition

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	TiO ₂ (%)	Alkalies
20-24	58-62	5-8	< 2.5	-

Properties

Bulk density (g/cm³)	1.90-2.10
Cold crushing strength (kg/cm²)	280-500
Apparent porosity (%)	10-17
R.U.L (T0.5)(°C)	-
Thermal shock (Cycle in water)	-

ASTM Test Methods, where applicable, used for determination of data.

The above data are typical of the properties of commercial Standard brick.

These data represent average properties obtained from commercial products and should not be considered as guaranteed specifications.

Document code: MRP-SA-FR-11/04

Date of issue: 2025/11/15



www.mahanrefco.com



info@mahanrefco.com



+983153309853-4



CONTACT US