

Magnesia chrome brick



- $\text{MgO} \geq 40\%$
- $\text{Cr}_2\text{O}_3 \geq 8\%$
- Apparent porosity $\leq 22\%$
- Cold crushing strength $\geq 25\text{MPa}$

Application:

Dense structure, resistant to oxidation reduction, high compressive strength at room and high temperatures, good flexural strength. Used in high temperature equipment of glass melting furnaces, metallurgy, non ferrous metals, cement, petrochemical, etc.

Technical Data:

	MgO /%	Cr ₂ O ₃ /%	Apparent Porosity /%	Compressive Strength at Normal Temperature /MPa	Initial Softening Temperature under 0.2 MPa Load / °C
MGe - 20A	≥ 50	≥ 20	≤ 18	≥ 35	≥ 1700
MGe - 20B	≥ 45	≥ 20	≤ 19	≥ 30	≥ 1650
MGe - 20C	≥ 40	≥ 20	≤ 22	≥ 25	≥ 1550
MGe - 16A	≥ 55	≥ 16	≤ 18	≥ 35	≥ 1700
MGe - 16B	≥ 50	≥ 16	≤ 19	≥ 30	≥ 1650
MGe - 16C	≥ 45	≥ 16	≤ 22	≥ 25	≥ 1550
MGe - 12A	≥ 65	≥ 12	≤ 18	≥ 40	≥ 1700
MGe - 12B	≥ 60	≥ 12	≤ 19	≥ 35	≥ 1650
MGe - 12C	≥ 55	≥ 12	≤ 21	≥ 30	≥ 1550
MGe - 8A	≥ 70	≥ 8	≤ 18	≥ 40	≥ 1700
MGe - 8B	≥ 65	≥ 8	≤ 19	≥ 35	≥ 1650
MGe - 8C	≥ 60	≥ 8	≤ 21	≥ 30	≥ 1530