

Magnesia carbon brick



- MgO 69-85%
- C 5-18%
- Bulk Density 2.85-3.2g/cm3
- Cold Crushing Strength ≥30MPa

Application:

High temperature resistant, alkali slag resistant, thermal shock resistant, low high temperature creep. Used in high temperature part such as converters, electric arc furnaces, ladles, refining furnaces in steel industry, cement kilns and glass kilns.

Technical Data:

Brand	Apparent Porosity, % ≤	Bulk Density, g/cm ³	Compressive Strength at Normal Temperature, MPa ≥	High-temperature Flexural Strength, MPa (1400 °C, 30 min) ≥	MgO, % ≥	C, % ≥
MT - 5A	5	3.15 ± 0.08	50	—	85	5
MT - 5B	6	3.10 ± 0.08	50	—	84	5
MT - 5C	7	3.00 ± 0.08	45	—	82	5
MT - 8A	4.5	3.12 ± 0.08	45	—	82	8
MT - 8B	5	3.08 ± 0.08	45	—	81	8
MT - 8C	6	2.98 ± 0.08	40	—	79	8
MT - 10A	4	3.10 ± 0.08	40	6	80	10
MT - 10B	4.5	3.05 ± 0.08	40	—	79	10
MT - 10C	5	3.00 ± 0.08	35	—	77	10
MT - 12A	4	3.05 ± 0.08	40	6	78	12
MT - 12B	4	3.02 ± 0.08	35	—	77	12
MT - 12C	4.5	3.00 ± 0.08	35	—	75	12
MT - 14A	3.5	3.03 ± 0.08	40	10	76	14
MT - 14B	3.5	2.98 ± 0.08	35	—	74	14
MT - 14C	4	2.95 ± 0.08	35	—	75	14
MT - 16A	3.5	3.00 ± 0.08	35	8	74	16
MT - 16B	3.5	2.95 ± 0.08	35	—	72	16
MT - 16C	4	2.90 ± 0.08	30	—	70	16