

DATA SHEET

ITEM	Magnesite-chrome brick		
	MC-8	MC-12	MC-16
MgO, %	≥65	≥60	≥50
Cr ₂ O ₃ , %	≥8	≥12	≥16
Apparent Porosity, %	≤20	≤20	≤20
Cold Crushing Strength, Mpa	≥35	≥35	≥35
Refractoriness Under Load (T _{0.6}), °C	≥1620	≥1620	≥1620

ITEM	Direct-bonded Magnesite-chrome brick					
	DMC-4	DMC-6	DMC-8	DMC-12	DMC-16	DMC-18
MgO, %	≥80	≥75	≥74	≥66	≥60	≥58
Cr ₂ O ₃ , %	≥4	≥6	≥8	≥12	≥16	≥18
SiO ₂ , %	≤2	≤2	≤1.5	≤1.5	≤1.5	≤1.5
Apparent Porosity, %	≤18	≤18	≤18	≤18	≤18	≤18
Cold Crushing Strength, Mpa	≥40	≥40	≥40	≥40	≥40	≥40
Refractoriness Under Load (T _{0.6}), °C	≥1600	≥1600	≥1600	≥1600	≥1600	≥1600

ITEM	Semi-rebonded Magnesite-chrome brick			
	SRMC-16A	SRMC-16B	SRMC-20A	SRMC-20B
MgO, %	≥60	≥60	≥55	≥55
Cr ₂ O ₃ , %	≥16	≥16	≥20	≥20
SiO ₂ , %	≤1.5	≤1.8	≤1.5	≤1.8
Apparent Porosity, %	≤17	≤17	≤17	≤17
Cold Crushing Strength, Mpa	≥40	≥35	≥40	≥35
Refractoriness Under Load (T _{0.6}), °C	≥1750	≥1700	≥1750	≥1700

ITEM	Rebonded Magnesite-chrome brick			
	RMC-16	RMC-20	RMC-24	RMC-26
MgO, %	≥65	≥60	≥52	≥50
Cr ₂ O ₃ , %	≥16	≥20	≥24	≥26
SiO ₂ , %	≤1.2	≤1.2	≤1.2	≤1.2
Apparent Porosity, %	≤16	≤16	≤16	≤16
Cold Crushing Strength, Mpa	≥45	≥45	≥45	≥45
Refractoriness Under Load (T _{0.6}), °C	≥1750	≥1750	≥1750	≥1750

Note: Technical Data are typical results from test pieces. This information, subject to change, is offered solely for your consideration. Users of our products should make their own tests to determine the suitability of each product for their particular purposes.