



Cordierite-Mullite Brick JM50

Physical and chemical index

Item		JM 50
Chemical composition%	Al ₂ O ₃	≥50
	SiO ₂	≤45
	MgO	1.73~3
	Fe ₂ O ₃	≤2.0
Apparent Porosity%		≤23
Bulk Density g/cm ³		≥2.3
Cold Crushing Strength Mpa		≥70
0.2Mpa Refractoriness Under Load T _{0.6} °C		≥1400
Permanent Linear Change On Reheating (%) 1500°C X2h		0~+0.4
Thermal Shock Resistances 100°C water cycles		≥50
20—1000°C Thermal Expansich10 ⁻⁶ /°C		0.55
Thermal Conductivity (W/MK) 1000°C		0