

**MULLITE BRICK MU-72**

Physical and chemical index

Item		MU 72
Chemical composition	Al_2O_3	≥ 72
	SiO_2	≤ 26
	Fe_2O_3	≤ 0.6
Apparent Porosity%		≤ 17
Bulk Density g/cm^3		≥ 2.55
Cold Crushing Strength Mpa		≥ 80
0.2Mpa Refractoriness Under Load $T_{0.6}^\circ\text{C}$		≥ 1600
Permanent Linear Change On Reheating (%) $1500^\circ\text{C} \times 2\text{h}$		$0 \sim +0.4$
Thermal Shock Resistances 100°C water cycles		≥ 18
$20-1000^\circ\text{C}$ Thermal Expansion $10^{-6}/^\circ\text{C}$		0.6
Thermal Conductivity (W/MK) 1000°C		1.95