

**CORUNDUM-MULLITE BRICK AM-80**

Physical and chemical index

Item		AM 80
Chemical composition	Al ₂ O ₃	≥80
	SiO ₂	≤14
	Fe ₂ O ₃	≤0.5
Apparent Porosity%		≤17
Bulk Density g/cm ³		≥2.6
Cold Crushing Strength Mpa		≥70
0.2Mpa Refractoriness Under Load T _{0.6} °C		≥1700
Permanent Linear Change On Reheating (%) 1500°C X2h		0~+0.4
Thermal Shock Resistances 100°C water cycles		≥18
20—1000°C Thermal Expansich10 ⁻⁶ /°C		0.55
Thermal Conductivity (W/MK) 1000°C		1.95