



KT Refractories US Company

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MgO-Al₂O₃ Spinel Bricks Technical Specs

MgO-Al ₂ O ₃ Spinel Bricks	
PROPERTY	VALUE
Refractoriness	40SK
Apparent Porosity	18.00%
Bulk Density	2.90g/cm ³
Cold Crushing Strength	45Mpa
Thermal Expansion at 1000°C	1.10%
Refractoriness under Load,(0.2MPa)T 2	1700°C
Thermal Conductivity at 1000°C	3.98 W/m · K
Spalling Resistance 1000°C~air cycle	20cycles-0%
Chemical Analysis	
Al ₂ O ₃	≥12%
MgO	≥81%
Fe ₂ O ₃	≤1%
CaO	≤1.2%
SiO ₂	≤1%