



TECHNICAL DATA INSULATING FIRE BRICK

MATERIAL CODE NUMBER	RD-IFB-2800
CLASSIFICATION	Insulating fire brick
SERVICE REQUIREMENTS	Insulation brick suitable for dense refractory backup
METHOD OF MANUFACTURE	
QC TESTING FREQUENCY	Non-Critical

PROPERTY	ASTM DESIGNATION	SPECIFICATION VALUE
Manufacturer's Use Temp. - °F		2800
Density lbs/ft ³	C-20	<65
Modulus of Rupture - psi	C-133	225min.
Reheat Test - at 2900°F - %	C-113	0 to -0.5
Cold Crushing Strength* - psi	C-133	300 min.
Apparent Porosity - %	C-20	60
Thermal Cond. @ 815° mean temperature. K: Btu in/(h-ft ² °F) -	C-201 and C417, Ascending Curve Max	0.36
Chemistry (Composition %)		
Al ₂ O ₃		67.0
Si ₂ O ₃		31.0