

MATERIAL CODE NUMBER	RDA-60 Military Spec.
CLASSIFICATION	Military Spec. - high alumina, ceramic anchor brick
SERVICE REQUIREMENTS	A 60% alumina, fired ceramic anchor brick formulated to meet the military specification for furnace linings.
METHOD OF MANUFACTURE	Dry-press
QC TESTING FREQUENCY	

PROPERTY	ASTM DESIGNATION	SPECIFICATION VALUE
PCE		
Density lbs/ft ³	C-20	155
Modulus of Rupture - psi	C-133	1300
Reheat Test - at 2900°F - %	C-113	2.5
Cold Crushing Strength* - psi	C-133	5000 to 7000
Apparent Porosity - %	C-20	18
Thermal Cond. @ 815° mean temperature. K: Btu in/(h-ft ² °F) -	C-201 and C417, Ascending Curve Max	
Chemistry (Composition %)		
Al ₂ O ₃		59.7
Fe ₂ O ₃		1.2
Si ₂ O ₃		36.2
CaO		.1
TiO ₂		2.3
MgO		.1
Alkalies		.4