



# RESCOGUN CASTABLES

## PRODUCT DATA

### RESCOGUN 60 ARB

RESCOGUN 60 ARB IS A EROSION RESISTANT, HIGH STRENGTH GUNNING GRADE REFRACTORY WHICH HAS A HIGH MULLITE CONTENT. IT HAS BEEN FORMULATED TO RESULT IN MINIMUM REBOUND LOSS. RESCOGUN 60 ARB WILL ADHERE TO EXISTING REFRACTORY MAKING IT AN IDEAL MATERIAL FOR GUN PATCHING AND REPAIRS. IT CAN BE GUNNED DIRECTLY TO THE WALL WITHOUT PRE-DAMP AND "AGEING".

DATA SHOWN ARE AVERAGE RESULTS OF TESTS FOLLOWING THE GUIDELINES SET FORTH IN ASTM C-903-70 "PREPARING REFRACTORY CONCRETE SPECIMENS BY COLD GUNNING".

MAXIMUM SERVICE TEMPERATURE (M.S.T.) 1250°C (2200°F)

BULK DENSITY

@110°C (220°F)	150 - 144	LBS/FT <sup>3</sup>	2400 - 2300	KG/M <sup>3</sup>
@815°C (1500°F)	147 - 141	LBS/FT <sup>3</sup>	2350 - 2260	KG/M <sup>3</sup>

COLD CRUSHING STRENGTH

@815°C (1500°F)	9000 - 14000	P.S.I.	620 - 965	KG/CM <sup>2</sup>
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COLD MODULUS OF RUPTURE

@815°C (1500°F)	2000 - 3000	P.S.I.	138 - 207	KG/CM <sup>2</sup>
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PERMANENT LINEAR CHANGE

@Green to 815°C (1500°F) -0.20 TO - 0.40 %

EROSION LOSS (ASTM C-704) LESS THAN 8.0 CC  
(Typical 6-7 cc)

TYPICAL CONDUCTIVITY OR "K" FACTOR

<u>MEAN TEMP</u>	<u>BTU/FT<sup>2</sup>/Hr/°F/in</u>	<u>W/mK</u>
@ 540°C	9.0	1.30
@ 815°C	10.0	1.44

TYPICAL CHEMICAL ANALYSIS (%)

AL <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO/MgO	TiO <sub>2</sub>	P2O5	OTHER
61.5	28.5	0.7	2.71	1.6	2.8	1.6

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