



# PRODUCT DATA

**Brand Name:** RESCOBOND 70A G

**Description:** RESCOBOND 70AG is a chemically-bonded, single component gunning mix formulated for molten aluminum maintenance applications. This product can be installed by conventional gunning and handpacking methods and bonds to existing refractory. When gunning, predampening is NOT suggested for this gun mix. This product develops a quick set and can be heated shortly after installation. RESCOBOND 70AG should NOT be installed by vibration casting methods.

Physical properties shown are average values of samples taken under controlled conditions

ASTM test methods used where applicable

**Maximum Service Temperature:** 3100°F (1704°C)

	Gunned Data	
<b>Bulk Density (pcf)</b>		
After 1500°F (815°C)	145	(2.32 g/cm <sup>3</sup> )
<b>Cold Crushing Strength (psi)</b>		
After 1500°F (815°C)	2800	(196 kg/cm <sup>2</sup> )
<b>Permanent Linear Change (%)</b>		
After 1500°F (815°C)	-0.4 to 0.0	

**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	67.8
Silica (SiO <sub>2</sub> ) .....	17.4
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.5
Titania (TiO <sub>2</sub> ) .....	0.6
Lime + Magnesia (CaO+MgO) .....	5.4
Alkalies (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.2
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) .....	4.2
Others .....	4.0

**Standard Packaging:** 55 lb bag. 72 bags per pallet. Bulk packaging available.

**Brand Code:** 1687

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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