



PRODUCT DATA

Brand Name: RESCOBOND LW 78G TL0938

Description: RESCOBOND LW 78G is a chemically-bonded, air-setting, single component medium weight gunning mix. 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 LW 78G 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: 3000°F (1650°C)

	<u>Gunned Data</u>	
<u>Bulk Density (pcf)</u>		
After 1500°F (815°C)	175	(2.80 g/cm ³)
<u>Cold Crushing Strength (psi)</u>		
After 1500°F (815°C)	4500	(315 kg/cm ²)
<u>Modulus of Rupture (psi)</u>		
After 1500°F (815°C)	1350	(94 kg/cm ²)
<u>Abrasion Loss (using ASTM C-704 Method)</u>		
After 1500°F (815°C)	Less than 13 cc	

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	28.9
Silica (SiO ₂)	49.7
Iron Oxide (Fe ₂ O ₃)	2.3
Titania (TiO ₂)	0.8
Lime + Magnesia (CaO+MgO)	8.8
Alkalies (Na ₂ O+K ₂ O)	0.6
Phosphorus Pentoxide (P ₂ O ₅)	8.9

Standard Packaging: 50 lb bag. 50 bags per pallet. Bulk packaging available.

Brand Code: 8977

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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