



# TECHNICAL DATA

## AL-MAX®

80% ALUMINA BONDING MORTAR - WET, AIR-SETTING

Recommended Service Temperature Limit ..... 3200°F  
 Refractoriness Classification..... Special  
 (High Alumina)  
 Amount Required  
     :To Lay 1,000 9" Straight Brick..... 400 - 450 lb  
 Packaging..... 50 lb drum

BOND STRENGTH	
TEMPERATURE (°F)	MODULUS OF RUPTURE (lb/in <sup>2</sup> )
220	1100-1400
1500	1000-1300
2732	1500-1800
2910	1100-1400
3000	1600-2000

CHEMICAL ANALYSIS: (Ignited)

Al<sub>2</sub>O<sub>3</sub> ..... 78.3%  
 SiO<sub>2</sub> ..... 17.2  
 Fe<sub>2</sub>O<sub>3</sub> ..... 0.3  
 TiO<sub>2</sub> ..... 0.4  
 CaO ..... 0.1  
 MgO ..... Tr  
 Alkalies ..... 3.7

The properties shown on this data sheet represent typical average results generated 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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