



# PRODUCT DATA

**Brand Name:** EZ Cubed 60 LQY

**Description:** An alkali-resistant 60% alumina castable that can be installed using vibration casting, pumping, or wet shotcreting methods. This product has been formulated to be resistant to alkali attack.

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

**Typical Water Required for Mixing :**

For Vibration Casting ..... 6.0%  
For Pumping ..... 6.5%

**Bulk Density (lb/ft<sup>3</sup>)**

After 220°F (105°C) 151 (2416 kg/m<sup>3</sup>)  
After 1500°F (815°C) 150 (2400 kg/m<sup>3</sup>)

**Cold Crushing Strength (lb/in<sup>2</sup>)**

After 1500°F (815°C) 8700-14,000 (609-980 kg/cm<sup>2</sup>)

**Permanent Linear Change (%)**

After 1500°F (815°C) 0.0 to -0.5

**Typical Chemical Analysis (%)**

Al<sub>2</sub>O<sub>3</sub> ..... 55.0%  
SiO<sub>2</sub> ..... 40.6  
Fe<sub>2</sub>O<sub>3</sub> ..... 1.0  
CaO ..... 1.5  
TiO<sub>2</sub> ..... 1.7  
Alkalies ..... 0.2

**Standard Packaging:** 72 - 55 lb bags per pallet

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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