PRODUCT DATA

Brand Name: **QUIKTURN 32-70**

Description: 76% alumina, ultra-low cement castable that can be installed using vibration casting methods. After final set, this unique castable can be heated without the traditional controlled heating schedule.

Maximum Service Temperature …… **3200°F (1650°C)**

Typical Water Required for Mixing :
Vibration Cast ……..…….... **5.0% to 5.5%**

Bulk Density (lb/ft^3)
After 1500°F (815°C) **166** **(2656 kg/m^3)**

Cold Crushing Strength (lb/in^2)
After 1500°F (815°C) **13,000** **(910 kg/cm^2)**

Modulus of Rupture (lb/in^2)
After 1500°F (815°C) **1700** **(119 kg/cm^2)**

Permanent Linear Change (%)
After 1500°F (815 °C) **-0.2**
After 2910°F (1600°C) **+0.9**

Erosion Loss (cc loss)
using ASTM C-704 Method
After 1500°F (816°C) : **Less than 10 cc**

Typical Chemical Analysis (%)

Al_2O_3 ……	**76.7 %**
SiO_2 ……	**18.5**
Fe_2O_3 ……	**1.1**
TiO_2 ……	**2.4**
CaO ……	**0.7**
Alkalies ……	**0.4**

Standard Packaging: 55 lb bags; 72 bags per pallet (Bulk Packaging Available)

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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