



PRODUCT DATA

Brand Name: QUIKTURN 56SCPC

Description: A silicon carbide-based ultra-low cement castable that can be installed using vibration casting, pumping, or wet shotcreting methods. This product has very good resistance to abrasion and alkali attack and high thermal conductivity. After final set, this unique castable can be heated without the traditional controlled heating schedule.

Maximum Service Temperature 2900°F (1590°C)

Typical Water Required for Mixing :

For Vibration Casting 6.5%
For Pumping 7.0% to 7.5%

Bulk Density (lb/ft³)

1500°F (815°C) 155 (2510 kg/m³)

Modulus of Rupture (lb/in²)

1500°F (815°C) 1343 (94 kg/cm²)

Cold Crushing Strength (lb/in²)

1500°F (815°C) 9400 (658 kg/cm²)

Permanent Linear Change (%)

1500°F (815 °C) -0.1

Erosion Loss

Using ASTM C-704 Method : Less than 12 cc

Typical Chemical Analysis (%)

SiC 53.3%
Al₂O₃ 32.3
SiO₂ 11.9
Fe₂O₃ 0.4
CaO 0.9
TiO₂ 0.7
Alkalies 0.2

Standard Packaging: 55 lb bag; 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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