

# Pump Cast Mixes

## Product Data

### QUIKTURN 65-15SC PC

**QUIKTURN 65-15SC PC** is a ultra-low cement Bauxite based pump casting mix with a 15% Silicon Carbide addition. This product is recommended for new and full lining repairs using anchored construction. After the initial set, the furnace lining can be returned to operation using heating rates much faster than possible with normal LC castables. **QUIKTURN 65-15SC PC** has excellent strength, and abrasion resistance. Cast data:

**Maximum Service Temperature:** 1550°C

**Bulk Density:**

Fired to 815°C 2540 - 2640 kg/m<sup>3</sup>

**Cold Crushing Strength:**

Fired to 815°C 550 - 700 kg/cm<sup>2</sup>  
 Fired to 1370°C 630 - 840 kg/cm<sup>2</sup>

**Modulus of Rupture:**

Fired to 815°C 100 - 140 kg/cm<sup>2</sup>

**Erosion Loss:**

Fired to 815°C Less than 12 cc

**Permanent Linear Change(%):**

Green to 815°C -0.1 to -0.3

**Typical Chemical Analysis(%):**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	MgO	CaO	Alkalis	SiC
66.2	12.9	0.7	0.2	1.24	0.3	14.8

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions 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. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 01/08/13 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet