

# Vibratables

## Product Data

### VIBROCAST 30SC

**VIBROCAST 30SC** is a 30% Silicon Carbide, mullite based, low cement castable designed for vibration casting. This product is recommended for new and full lining repairs using anchored construction. **VIBROCAST 30SC** has excellent strength, alkali and abrasion resistance.

**Maximum Service Temperature:** 1500°C

**Bulk Density:**

Fired to 815°C 2510 - 2590 kg/m<sup>3</sup>

**Cold Crushing Strength:**

Fired to 815°C 800 - 1000 kg/cm<sup>2</sup>

**Modulus of Rupture:**

Fired to 815°C 160 - 210 kg/cm<sup>2</sup>

**Erosion Loss:**

Fired to 815°C Less than 7 cc  
(Typical loss 3-4cc)

**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>	TiO <sub>2</sub>	CaO	SiC
31.2	34.7	0.65	0.8	1.5	29.7

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.

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