



PRODUCT DATA

Brand Name: **Vibrocast 70 Coarse**
(formerly TL 0196)

Description: A 70% alumina, low cement castable. This product should be installed using vibration casting methods only. Ideal for casting precast shapes.

Maximum Service Temperature 3200°F (1760°C)

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

Dry Weight Required to Cast : 157 lbs per cu.ft.

Bulk Density (lb/ft³)

After 220°F (100°C)	163	(2611 kg/m ³)
After 1500°F (815°C)	157	(2515 kg/m ³)
After 2500°F (1370°C)	158	(2531 kg/m ³)

Cold Crushing Strength (lb/in²)

After 1500°F (815°C)	10,500	(735 kg/cm ²)
After 2500°F (1370°C)	15,600	(1092 kg/cm ²)

Modulus of Rupture (lb/in²)

After 1500°F (815°C)	1750	(122 kg/cm ²)
After 2500°F (1370°C)	2160	(151 kg/cm ²)

Permanent Linear Change (%)

After 1500°F (815°C)	-0.1
After 2500°F (1370°C)	+0.2
After 2910°F (1600°C)	+1.6

Typical Chemical Analysis (%)

Al ₂ O ₃	69.9 %
SiO ₂	24.0
Fe ₂ O ₃	1.0
TiO ₂	2.7
CaO	1.8
MgO	0.1
Alkalies	0.5

Standard Packaging: 55 lb bag; 72 bags per pallet; bulk packaging available

Brand Code: 1506

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.

RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

02/29/08 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.