



# Low Cement Castables

## Cast Data

### VIBROCAST ASC-8LT (C-C)

**VIBROCAST ASC-8LT (C-C)** is a high purity, low-cement, alumina-spinel castable designed to provide maximum resistance to molten steel and steelmaking slags.

**VIBROCAST ASC-8LT (C-C)** is designed for production of cast shapes or monolithic placement in steel ladles and related steelmaking environments.

This product should be installed by vibration casting only.

**Maximum Service Temperature:** 3400°F (1870°C)

**Bulk Density:**

After 1500°F (815°C) 185 lbs/ft<sup>3</sup> (2960 kg/m<sup>3</sup>)

After 2910°F (1600°C): 184 lbs/ft<sup>3</sup> (2944 kg/m<sup>3</sup>)

**Apparent Porosity**

After 2910°F (1600°C): 20%

**Cold Crushing Strength:**

After 1500°F (815°C): 4500- 8000 psi (315- 560 kg/cm<sup>2</sup>)

**Modulus of Rupture:**

After 2910°F (1600°C): 2500- 3000 psi (175-210 kg/cm<sup>2</sup>)

**Permanent Linear Change (%):**

After 2910°F (1600°C): +0.2 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>	CaO	MgO	Others
94.0	0.1	0.03	1.6	4.0	0.2

**Standard Packaging:** 72-55 lb. 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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