



# PRODUCT DATA

**Brand Name:** VIBROCAST ASC 4LG TL0918

**Description:** VIBROCAST ASC 4LG TL0918 is an high purity, alumina-spinel gunning mix that can be gunned using conventional gunning methods. This gun mix was formulated for steel ladle maintenance.

Physical properties shown are average values of samples taken under controlled conditions  
ASTM test methods used where applicable

	Cast Data	
<b>Bulk Density (pcf)</b>		
After 220°F (105°C)	187	(2.99 g/cm <sup>3</sup> )
<b>Cold Crushing Strength (psi)</b>		
After 2500°F (1370°C)	3000	(210 kg/cm <sup>2</sup> )
<b>Permanent Linear Change (%)</b>		
After 2500°F (1370°C)	-0.2 to 0.0	

### Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	94.5
Silica (SiO <sub>2</sub> ) .....	0.1
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.1
Magnesia (MgO) .....	3.4
Lime (CaO) .....	1.8
Alkalis (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.1

**Standard Packaging:** 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 4417

The properties shown on this data sheet represent typical average results 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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04/03/17 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.

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