



PRODUCT DATA

Brand Name: **VIBROCAST ASC-8LT (C)AK**

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

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

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

	Vibration Cast Data	
<u>Bulk Density (pcf)</u>		
After 1500°F (815°C)	187	(2.99 g/cm ³)
After 2910°F (1600°C)	186	(2.98 g/cm ³)
<u>Cold Crushing Strength (psi)</u>		
After 1500°F (815°C)	5000	(350 kg/cm ²)
<u>Modulus of Rupture (psi)</u>		
After 2910°F (1600°C)	3750	(263 kg/cm ²)
<u>Permanent Linear Change (%)</u>		
After 2910°F (1600°C)	-0.3 to +0.2	
<u>Apparent Porosity (%)</u>	20%	
<u>Typical Chemical Analysis (%)</u> (Calcined Basis)		
Alumina (Al ₂ O ₃)	92.7	
Silica (SiO ₂)	0.1	
Iron Oxide (Fe ₂ O ₃)	0.1	
Magnesia (MgO)	5.2	
Lime (CaO)	1.7	
Alkalis (Na ₂ O+K ₂ O)	0.2	

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

Brand Code: 7181

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.

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

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.