



PRODUCT DATA

Brand Name: VIBROCAST GL AZS

Description: VIBROCAST GL-AZS is a Low Cement Castable based on a AZS (Alumina-Zirconia-Silica) aggregate and can be installed by vibration casting methods.

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

Maximum Service Temperature: 3100°F (1704°C)

Typical Water Required for Mixing (by weight) :
Vibration Casting 5.0%

	Vibration Cast Data	
Bulk Density (pcf)		
After 1500°F (815°C)	193	(3.09 g/cm ³)
Cold Crushing Strength (psi)		
After 1500°F (815°C)	11000	(770 kg/cm ²)
Permanent Linear Change (%)		
After 1500°F (815°C)	-0.2	

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	43.0
Silica (SiO ₂)	20.3
Iron Oxide (Fe ₂ O ₃)	0.3
Titania (TiO ₂)	0.2
Lime (CaO)	1.7
Magnesia (MgO)	0.1
Alkalies (Na ₂ O+K ₂ O)	1.2
Zirconia (ZrO ₂)	33.2

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

Brand Code: 7567

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.

RESOCO 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 RESOCO sales representative or RESOCO website to determine you have the current sheet.