



Zircar Zirconia, Inc.
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ALUMINA HOLLOW BALLS TYPE AHB

Alumina Hollow Balls Type **AHB** are sintered alumina hollow balls, which cleanly flow into confined spaces. Our standard product is our Type **AHB-1** which ranges in particle size from 0.4 mm to 0.8 mm diameter. The melting point of **AHB** exceeds 2000°C. AHB can be produced in other size distributions on request. Please contact us for details

PROPERTIES & CHARACTERISTICS

Color	White
True Density, g/cc	3.8
Bulk Density, g/cc	0.80 (50 pcf)
Use Temperature, °C	1800
Melting Point, °C	2000
Thermal Conductivity, W/mK	4.2
Composition, Wt%	
Al ₂ O ₃	99 Minimum
SiO ₂	0.60
Fe ₂ O ₃	0.02
Na ₂ O	0.15



AHB-1 flows freely to a 40° angle of repose

APPLICATION INFORMATION

Alumina Hollow Balls Type **AHB** are useful for high temperature insulation in spaces where the insulation must be poured into place. Mixes using bubble alumina are used to cast monolithic shapes such as burner blocks, low mass refractory covers and back up linings.

ORDERING INFORMATION

Package Size	Item Number
1 pound	BC010
25 pounds	BC011

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