

Application:

As grinding media, this product is widely used in Ceramic industry, cement industry, paint industry, Color industry, chemical industry, pharmaceutical industry, coating industry and mining industry. The advantages are: high hardness, good toughness, high density, good erosion resistance, regular shape etc.

TECHNICAL DATA

Name Items	68%	75%	85%	92%	95%
Specific Gravity g/cm ³	2.95-3.02	3.33-3.36	3.55-3.60	3.58-3.63	3.70-3.75
(Mohs Scale) Hardness	8.5	8.5	9	9	9
Compression Strength MPa	≥1700	≥1800	≥1850	≥2000	≥2250
Color	yellowish	White	White	White	White
Equivalent Wear Loss	≤0.18‰	≤0.14‰	≤0.10‰	≤0.08‰	≤0.06‰

STANDARD SIZES

Type Size Variation	68%	75%	85%	92%	95%
Size φ30mm --- φ40mm	±1.8mm	±1.8mm	±1.8mm	±1.8mm	±1.8mm
φ50mm ---- φ60 mm	±2.0mm	±2.0mm	±2.0mm	±2.0mm	±2.0mm
φ70mm ---- φ80mm	±3.0 mm	±3.0 mm	±3.0 mm	±3.0 mm	±3.0 mm

ADVANTAGES ANALYSIS

- (1)The main material of this product is high purity quality alumina, which will cause not negative affect to the grinded material.
- (2)This product is formed by Iso-static pressure with high density which will greatly improve grinding efficiency and reduce grinding time to reduce energy cost. Meanwhile increase extra space for loading more material in the ball mill.
- (3)This product has extremely low wear loss, providing longer service time
- (4)This product is white, causing no negative affect to the color of material.
- (5)This product is manufactured by modern facility with low energy consumption and being good for environment protection. The high technology content greatly makes progress of science and technology in this field.

CERTIFICATE OF ANALYSIS

PI NO.: GNT190117
 COMM INV NO. ZGNM190312
 TEST DATE: MAR. 12. 2019

PRODUCT NAME	ALUMINA GRINDING BALL	TEST NO.:	2019ZJ-0312-016
MANUFACTURE			
INSPECTION TYPE	Outgoing Inspection		
SPECIFICATION	Φ = 40MM 50MM 60MM		
NO.:	ITEM	UNIT	AVE. VALUE
1	Al ₂ O ₃	%	92.25
2	Fe ₂ O ₃	%	0.15
3	Density	g/cm ³	3.65
4	Water absorption	%	0.01
5	Impact resistance	/	No crack and no broken
6	color	/	WITHE
7	Size Tolerance	mm	+/-1.0-1.5MM
8	Ware-loss	%	0.010%
STANDARD	Q/JG.A00-000-2014		