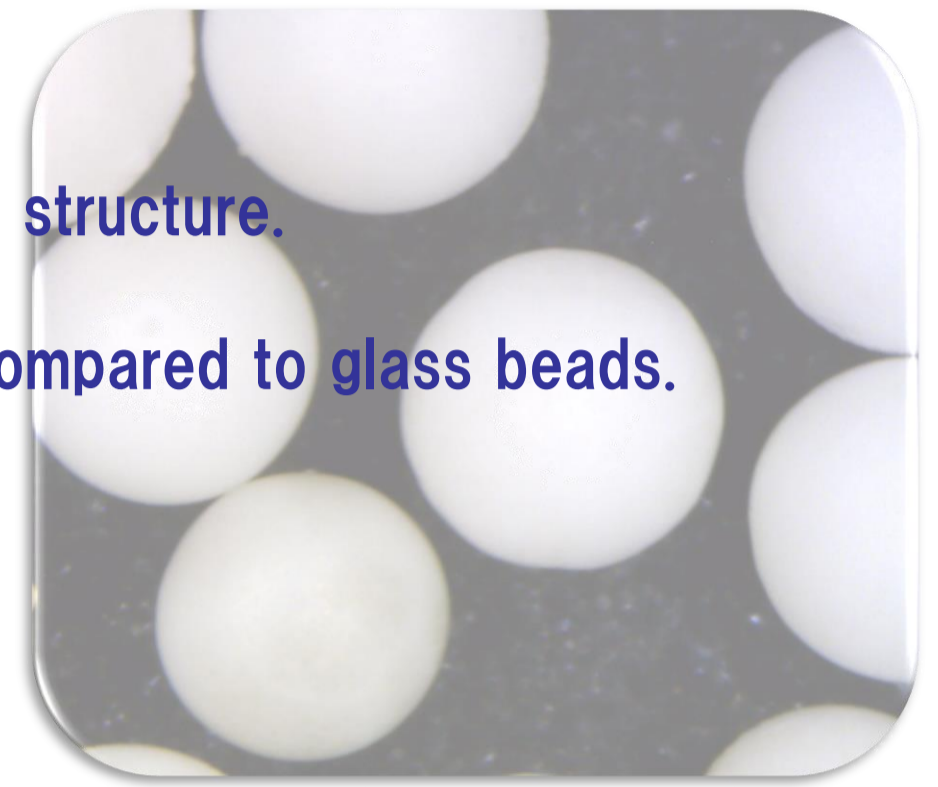


BL-FineBz 【Blasting & peening beads of alumina-zirconia】

- BL-FineBz is fused-beads and best for blasting and peening.
- Mixture of “Corundum(Al_2O_3)” and “Baddeleyite(ZrO_2)” gives high hardness and toughness.

Benefit

- High durability due to the high hardness (HV1000) and dense structure.
- 10 times or more longer life compared with glass beads.
- High-efficiency blasting operation with high specific gravity compared to glass beads.
- Non-toxic, harmless and chemically stable.
- 20-100 micron beads can also be supplied.



Applications

AZA-ceramics blasting media

-possible to alternative from the glass beads and zircon beads-

- for process tool cleaning applications
- for removing metallic surfaces or welding spatter.

AZX-ceramics blasting media

-surface polishing beads, suitable for precision polishing applications-

- for precision polishing applications
- for peening of automotive parts Precision component
- Precision deburring of die-casting products
- Precision grinding of the sputtering target material

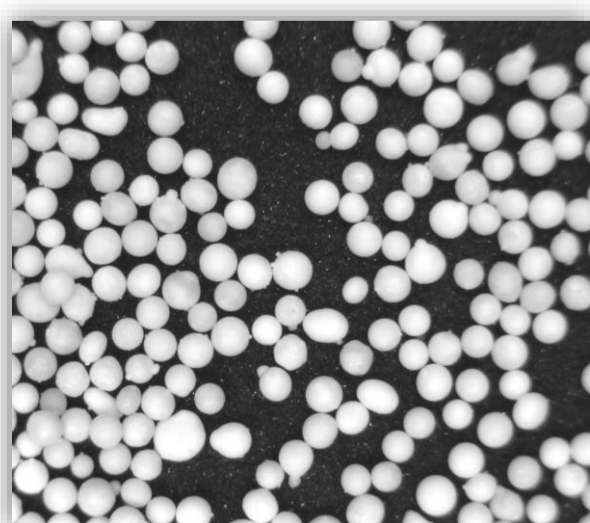
Characteristics

Chemical composition
(mass%)

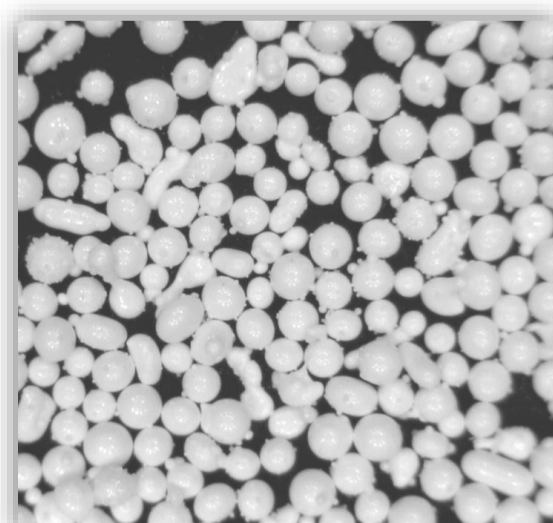
Al_2O_3	80.5
ZrO_2	9.5
SiO_2	8.5
Fe_2O_3	0.1
TiO_2	0.1
Others	1.3

Comparison with other beads

	MI-FineBz	Fused zircon	Glass
Specific gravity	3.7	3.8	2.5
Packing density(g/cc)	2.1	2.3	1.5
Hardness (HV)	1000	570	470



AZX beads



**General-purpose products
(Zircon beads)**

Specification

Grain size (μm)

AZA

AZA10	1600~1180
AZA14	1180~1000
AZA16	1000~850
AZA20	850~600
AZA30	600~425
AZA40	425~250
AZA60	250~125
AZA120	125~63
AZA205	<63

AZX

AZX-900	1000~850
AZX-700	850~600
AZX-500	600~425
AZX-350	425~300
AZX-250	300~212
AZX-150	212~106

grain size of the request also possible.