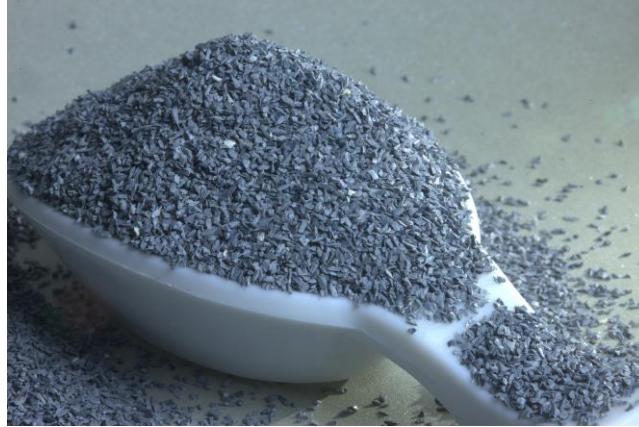


## Zirconia Fused Alumina



### Description:

Zirconia fused alumina is made of high-purity alumina and fused zirconia as raw materials. It is smelted at a high temperature of 2250 °C and formed by special processing technology and Barmac ball milling. It is of high quality, extremely hard, compact in structure and special crystal. Branched eutectic structure. Zirconium fused alumina can be divided into ZA25 zirconia fused alumina (ZrO<sub>2</sub> 25%) and ZA40 zirconia fused alumina (ZrO<sub>2</sub> 40%) according to the content of ZrO<sub>2</sub>.

### Specifications

Chemical Compositions		
Item	ZA25	ZA40
ZrO <sub>2</sub>	24-26%	38-42%
Al <sub>2</sub> O <sub>3</sub>	70-75%	57-60%
SiO <sub>2</sub>	0.40%	0.30%
TiO <sub>2</sub>	0.50%	0.30%
Fe <sub>2</sub> O <sub>3</sub>	0.30%	0.20%
Physical Characteristics		
Type	ZA25	ZA40
Color	Grey	Grey
Bulk Density	4.20g/cm <sup>3</sup> min.	4.30g/cm <sup>3</sup> min.



Shape	Blocky tough sharp	Blocky tough sharp
Melting point	1950°C	1900°C
Moh's hardness	9.0	9.0

## Size Available

Available Sizes	0-0.5MM 0.5-1MM 1-1.5MM 1.5-2MM 2.5-3MM 3-3.5MM 3.5-4MM 0-1MM 1-2MM 2-3MM 1-3MM 3-5MM 4-5MM 3-6MM 5-8MM
	F4 F8 F10 F12 F14 F16 F20 F22 F24 F30 F36 F46 F54 F60 F70 F80 F90 F100 F120 F150 F180 F220
	JIS#4 JIS#5 JIS#6 JIS#7 JIS#8 JIS#10 JIS#12 JIS#14 JIS#16 JIS#20 JIS#24 JIS#30 JIS#36 JIS#46 JIS#54 JIS#60 JIS#70 JIS#80 JIS#90 JIS#100 JIS#120 JIS#150 JIS#180

## Applications:

### ZA25

Zirconia fused alumina (ZA25) is widely used for steel conditioning wheels, snagging wheels, large diameter cutting-offs, and other grinding application which requires high speed and pressure.

### ZA40

Zirconia fused alumina (ZA40) is mainly used for Resin bonded abrasive and coated abrasive such as heavy duty belts, flap discs and sand discs, and show outstanding performance.

## Packing

1. 25kg woven bag, 40 woven bags/jumbo bag.
2. 25kg woven bag, 40 woven bags/pallet
3. 25kg paper bag, 40 paper bags/pallet
4. 25kg paper bag, 40 paper bags/paper box