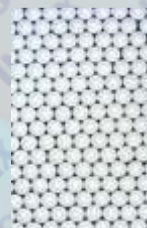


ONE-STOP SHOP FOR DISPERSION SOLUTIONS

THE BEST QUALITY MEDIA FOR BEADMILLING WITH HIGHEST PRODUCTIVITY AND LOWEST PRICE



The Raw Material used for manufacturing the beads **DOES NOT** indicate the **QUALITY** of Beads

- ❖ Cost Saving by “LONG LIFE” of Beads and “LESS WEAR” of Mill's Shell & Disc
- ❖ Manufactured by using the sub-Micron Zirconia Powder and Patented Technology for a good Bonding Strength (LIFE of Beads). Saint-Gobain are the only company having own Zirconia Powder Manufacturing facility
- ❖ Satin Smooth Surface gives “LOW WEAR” of Mill's parts and lesser heat generation and power consumption
- ❖ Saint-Gobain Brand represents **QUALITY** and precise **SIZE CONTROL** for each supply
- ❖ Supplied in **ORIGINAL PACKING & LABEL** showing Batch No. Quality Certificate provided for each Batch
- ❖ More than 20 years of Technical support to customers for optimizing the Beadmilling process
- ❖ Zirmil Y Grade complies with FDA norms and EU directive 84/500/E
- ❖ Available Ex-Stock at Delhi. Customer may also Import Directly to **REDUCE COST**

👍 TRUST THE BEST 👍

ONE CAN MATCH THE SPECS, BUT NOT THE QUALITY AND TECHNICAL SUPPORT

RIMAX® ZIRCONIUM SILICATE (No Alumina): Bulk Vol: 2.5 Kgs/ltr; Hardness: 1000 HV1

ZIRMIL® Ce >95% CERIA STABILISED ZIRCONIA: Bulk Vol: 3.8 Kgs/ltr; Hardness: 1200 HV1

ZIRMIL® Y >95% YTTRIA STABILISED ZIRCONIA : Bulk Vol: 3.7 Kgs/ltr; Hardness: 1250 HV1

MINERAX® ZIRCONIA TOUGHENED ALUMINA : Bulk Density : 2.4 Kgs/ltr; Hardness: 1150 HV1

For Technical Support and Local Sourcing

MAGNUS IMPEX PVT. LTD.

516-517, Express Tower, Commercial Complex, Azadpur, DELHI-110 033
Tel: +91-88511 80025, +91-98110 41828 E-mail: sharmamitravasu@gmail.com

RIMAX®

(Raw Material : Zirconium Silicate)

- Does not contain abrasive ALUMINA
- Replaces GB for **reducing no. of “Passes”** and **finer dispersion**
- Features a High Breakage Resistance
- Durable and Cost Effective

TYPICAL CHEMICAL ANALYSIS

ZrO ₂	: 58 %
SiO ₂	: 37 %
Others	: 5 %

CRYSTAL STRUCTURE

Zirconium Silicate	: 88 %
Vitreous Phase	: 12 %

PHYSICAL PROPERTIES

Specific Gravity	: 4.1 g/cm ³
Bulk Density	: > 2.5 kg/ltr.
Vickers Hardness	: 1000 HV1

AVAILABLE SIZES

0.6 - 0.8 mm
0.8 - 1.0 mm
1.0 - 1.2 mm
1.2 - 1.4 mm
1.4 - 1.6 mm
1.6 - 1.8 mm
1.8 - 2.0 mm
2.0 - 2.2 mm
2.2 - 2.4 mm

PACKING

25 kg Plastic Jerry Can

MINERAX®

(Raw Material : Zirconia Toughened Alumina)

- Durable and cost effective ceramic beads
- Mainly for abrasive products like & Minerals Ceramics and White Minerals
- Better than Alumina Beads

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	: 75%
Others (ZrO ₂ , SiO ₂)	: 25%

CRYSTAL STRUCTURE

Corundum is the main phase

PHYSICAL PROPERTIES

Specific Gravity	: 3.9 g/cm ³
Bulk Density	: 2.4 kg/ltr.
Vickers Hardness	: 1150 HV1

AVAILABLE SIZES

1.0 - 2.0 mm
2.0 - 3.0 mm
3.0 - 4.0 mm
4.0 - 5.0 mm
5.0 - 6.0 mm
6.0 - 7.0 mm

PACKING

1 ton Bag
Smaller Packing also available at cost



ZIRMIL® Ce

(Raw Material : >95% Ceria Stabilised Zirconia)

- Better than Yttria Beads from other manufacturers
- High Density Ceria Doped Zirconia Media
- Super Smooth Surface and Spherical Shape
- Optimized Cost For a High Milling Efficiency
- Long **Life** and **Less Mill-Wear**

TYPICAL CHEMICAL ANALYSIS

$ZrO_2 + CeO_2$: > 98 %

Others : 2 %

CRYSTAL STRUCTURE

> 95 % Ceria Stabilized Zirconia

PHYSICAL PROPERTIES

Specific Gravity : 6.2 g/cm³

Bulk Density : 3.8 kg/ltr.

Hardness : >1180 HV1

COLOUR

Black

AVAILABLE SIZES

0.4 - 0.6 mm
0.6 - 0.8 mm
0.9 - 1.1 mm
1.1 - 1.4 mm
1.4 - 1.6 mm
1.6 - 1.8 mm
1.8 - 2.0 mm
2.0 - 2.2 mm

PACKING

20 kg Plastic Jerry Can

ZIRMIL® Y

(Raw Material : >95% Yttria Stabilised Zirconia)

- Finest Grains of Yttria Doped Zirconia Media
- Satin Smooth Surface & Excellent Wear Resistance
- Provides High Milling Efficiency
- Available in Nano Sizes

TYPICAL CHEMICAL ANALYSIS

$ZrO_2 + Y_2O_3$: >98%

Others (HfO₂) : 2%

CRYSTAL STRUCTURE

> 95% Yttria Stabilized Zirconia

PHYSICAL PROPERTIES

Specific Gravity : 6 g/cm³

Bulk Density : 3.7 kg/ltr.

Hardness : 1250 HV1

COLOUR

Pearl White

AVAILABLE SIZES

0.08 - 0.15 mm
0.15 - 0.28 mm
0.25 - 0.35 mm
0.35 - 0.45 mm
0.45 - 0.55 mm
0.50 - 0.70 mm
0.70 - 0.90 mm
0.90 - 1.10 mm
1.18 - 1.40 mm
1.25 - 1.60 mm
1.60 - 2.0 mm
1.80 - 2.24 mm

PACKING

20 kg Plastic Jerry Can