

## Product information

# R I M A X (ZS-R)

zirconium silicate  $ZrO_2$  58%

## Characteristic and use:

high density - fully solid - spherical shape - no air pockets or round surface satellites - conditioned shiny surface. These characteristics guarantee optimal results by dispersing and grinding.

## Diameters:

|              |              |              |
|--------------|--------------|--------------|
| 0,6 - 0,8 mm | 1,4 - 1,6 mm | 2,2 - 2,4 mm |
| 0,8 - 1,0 mm | 1,6 - 1,8 mm | 2,4 - 2,6 mm |
| 1,0 - 1,2 mm | 1,8 - 2,0 mm | 2,5 - 2,8 mm |
| 1,2 - 1,4 mm | 2,0 - 2,2 mm |              |

## Technical properties:

|   |                                 |
|---|---------------------------------|
| <b>Shape</b>                              | round                           |
| <b>Density (spec. gravity)</b>            | <b>4 g/cm<sup>3</sup></b>       |
| <b>Hardness according to Mohs</b>         | 6                               |
| <b>Coefficient of thermal expansion</b>   | ---                             |
| <b>Surface</b>                            | smooth, dense, without porosity |
| <b>Modulus of elasticity (Young)</b>      | ---                             |
| <b>Settled apparent density</b>           | <b>2,4 kg/dm<sup>3</sup></b>    |
| <b>Crushing strength acc. to diameter</b> | dia 1,8 mm = 80 kg              |
| <b>Purity</b>                             | food-pure                       |
| <b>Hydrol. class</b>                      | ---                             |
| <b>Acidic class</b>                       | ---                             |
| <b>Alkaline class</b>                     | ---                             |
| <b>Deformation temperature</b>            | ---                             |

## Chemical composition:

|                  |     |
|------------------|-----|
| ZrO <sub>2</sub> | 58% |
| SiO <sub>2</sub> | 37% |
| other oxides     | 5%  |

## Packing:

- in units with 25 kgs each
- every unit in a poly-bag with a cover-bag

## Storage:

in dry rooms

Subject to change - All information is given in good faith but without warranty. We cannot accept responsibility or liability for any damage, resulting from the use of this information