



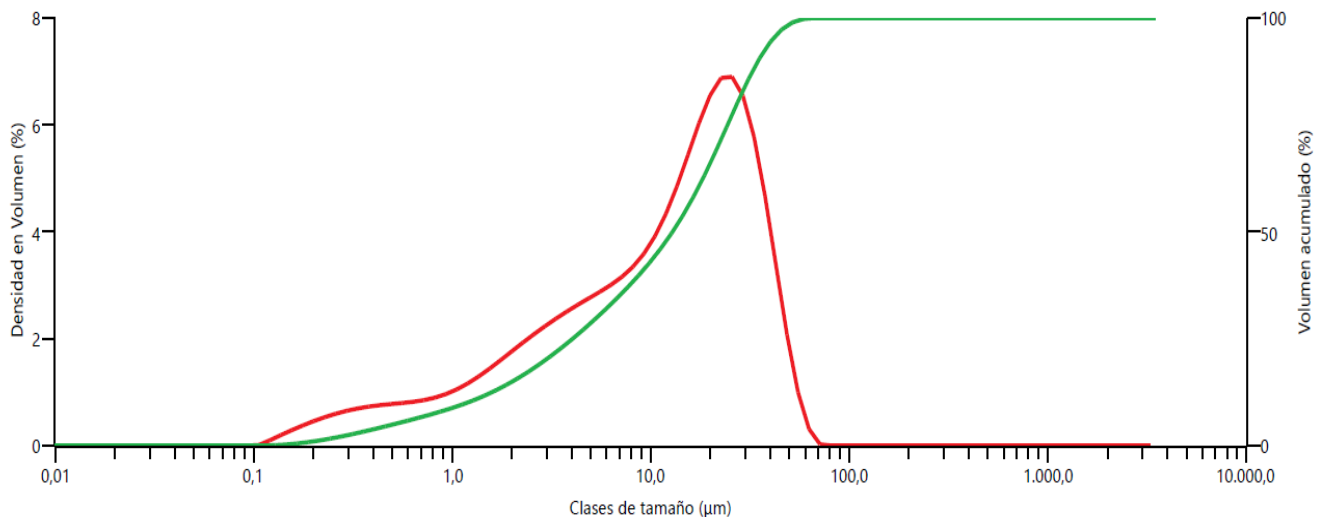
DATA SHEET TECHNICAL SPECIFICATIONS

MICROZIR FLOUR OPTIMUM R

| Chemical analysis | | | Physical Properties | |
|---|---------------------------|---------|----------------------------|---------------|
| | GUARANTEED SPECIFICATIONS | TYPICAL | | |
| ZrO₂ +HfO₂ | > 62% | 63 | Specific gravity | 4,6-4,8 |
| TiO₂ | < 0,40% | 0,25 | Mohs hardness | 7,5 |
| Fe₂O₃ | < 0,30% | 0,15 | Melting point | 2.200 °C |
| Al₂O₃ | < 3,5% | 1,50 | Loss on ignition | <0,9% |
| SiO₂ | < 36,5% | 35,5 | Solubility in water | Non-soluble |
| Uranium + Thorium | <500ppm 3,9 Bq/g ± 20% | | Flammability | Non-flammable |
| | | | Appearance | White powder |

| Particle Size Distribution | |
|----------------------------|-------------|
| d50 (microns) | 14,0 ± 2,00 |
| d98 (microns) | 48,0 ± 2,00 |

Measured using Malvern Mastersizer 3000 Aero S



| Product Presentation |
|-----------------------------|
| Bulk, Big-Bags & Paper bags |

The technical information contained in this data sheet is based in our internal tests and experience. Customer must practise their own tests in order to determine if the product fits their requirements.