



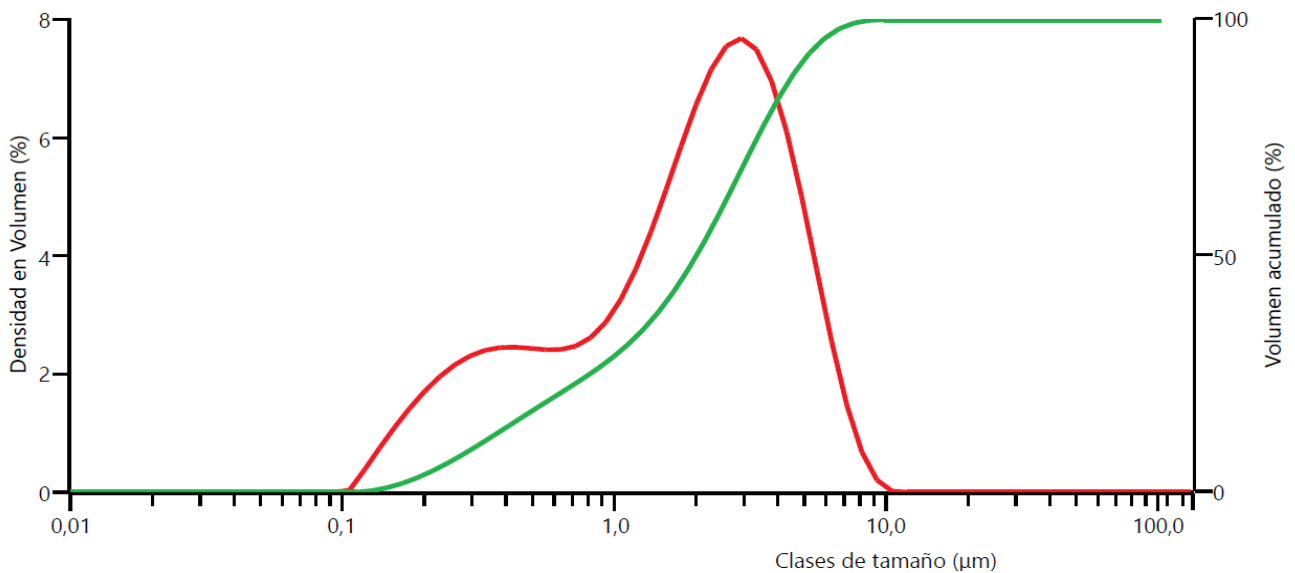
**DATA SHEET TECHNICAL SPECIFICATIONS**

**MICROZIR OPTIMUM**

Chemical analysis			Physical Properties	
	GUARANTEED SPECIFICATIONS	TYPICAL		
<b>ZrO<sub>2</sub> +HfO<sub>2</sub></b>	> 62%	63,0	<b>Specific gravity</b>	4,6-4,8
<b>TiO<sub>2</sub></b>	< 0,40%	0,25	<b>Mohs hardness</b>	7,5
<b>Fe<sub>2</sub>O<sub>3</sub></b>	< 0,30%	0,15	<b>Melting point</b>	2.200 °C
<b>Al<sub>2</sub>O<sub>3</sub></b>	< 3,5%	1,50	<b>Loss on ignition</b>	<0,9%
<b>SiO<sub>2</sub></b>	< 36,5%	35,5	<b>Solubility in water</b>	Non-soluble
<b>Uranium + Thorium</b>	<500ppm 3,9 Bq/g ± 20%		<b>Flammability</b>	Non-flammable
			<b>Appearance</b>	White powder

Particle Size Distribution	
<b>d50 (microns)</b>	2,00 ± 0,30
<b>d97 (microns)</b>	6,70 ± 0,30

Measured using Malvern Mastersizer 3000 Aero S



Product Presentation
<i>Bulk, Big-Bags &amp; paper bags</i>

*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.*