



**DATA SHEET TECHNICAL SPECIFICATIONS**

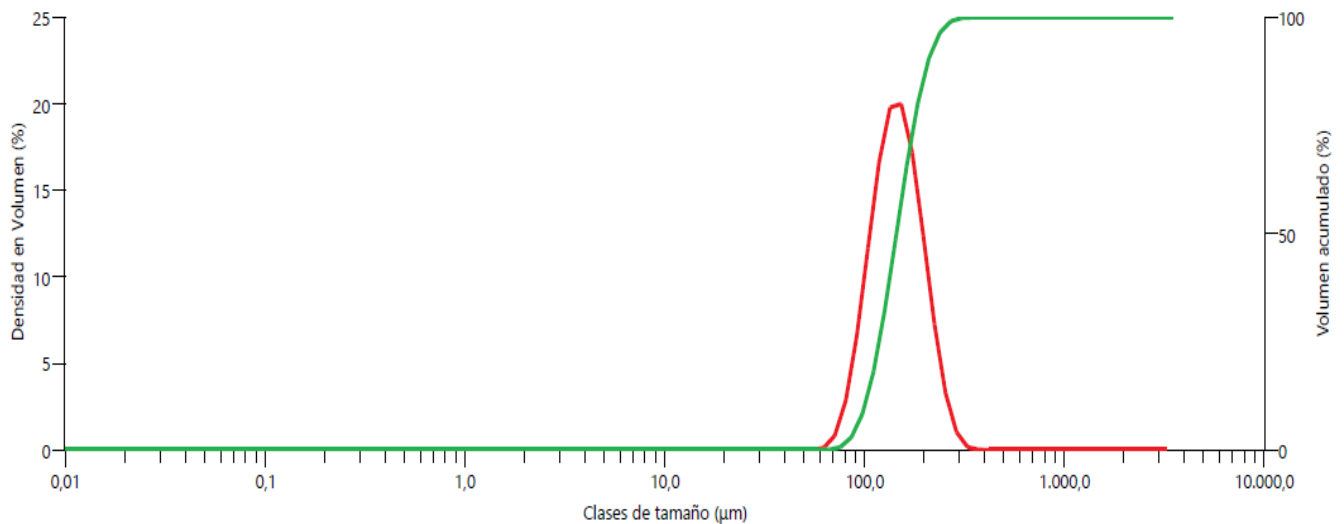
**MICROZIR SAND**

Chemical analysis			Physical Properties	
	GUARANTEED SPECIFICATIONS	TYPICAL		
<b>ZrO<sub>2</sub> +HfO<sub>2</sub></b>	> 65%	65,9	<b>Specific gravity</b>	4,6-4,8
<b>TiO<sub>2</sub></b>	< 0,25%	0,15	<b>Mohs hardness</b>	7,5
<b>Fe<sub>2</sub>O<sub>3</sub></b>	< 0,15%	0,08	<b>Melting point</b>	2.200 °C
<b>Al<sub>2</sub>O<sub>3</sub></b>	< 1,50%	0,30	<b>Loss on ignition</b>	<0,9%
<b>SiO<sub>2</sub></b>	< 33,0%	32,1	<b>Solubility in water</b>	Non-soluble
<b>Uranium + Thorium</b>	<500 ppm 3,9 Bq/g ± 20%		<b>Flammability</b>	Non-flammable
			<b>Appearance</b>	Brown sand

Zircon sand is a natural product and the size analysis may vary.

Particle Size Distribution	
<b>d50 (microns)</b>	135 ± 50
<b>d97 (microns)</b>	250 ± 50

Measured using Malvern Mastersizer 3000 Aero S



Product Presentation
<i>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*