



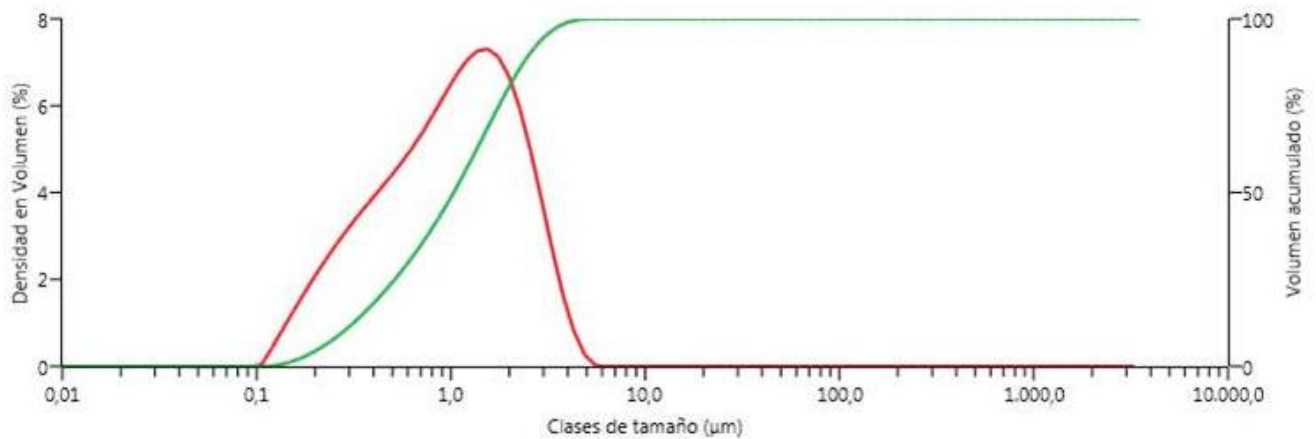
DATA SHEET TECHNICAL SPECIFICATIONS

MICROZIR ULTRAFINE

Chemical analysis			Physical Properties	
	GUARANTEED SPECIFICATIONS	TYPICAL		
ZrO₂ +HfO₂	> 65%	65,8	Specific gravity	4,6-4,8
TiO₂	< 0,25%	0,15	Mohs hardness	7,5
Fe₂O₃	< 0,15%	0,08	Melting point	2.200 °C
Al₂O₃	< 1,50%	0,60	Loss on ignition	<0,9%
SiO₂	< 33,0%	32,1	Solubility in water	Non-soluble
Uranium + Thorium	<500ppm 3,9 Bq/g ± 20%		Flammability	Non-flammable
			Appearance	White powder

Particle Size Distribution	
d50 (microns)	1,00 ± 0,20
d97 (microns)	3,20 ± 0,30

Measured using Malvern Mastersizer 3000 Aero S



Product Presentation

Bulk & Big-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*