



Z-Tech LLC
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PRODUCT DATA SHEET

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CF-Super

Plasma Processed Zirconium Dioxide Powder

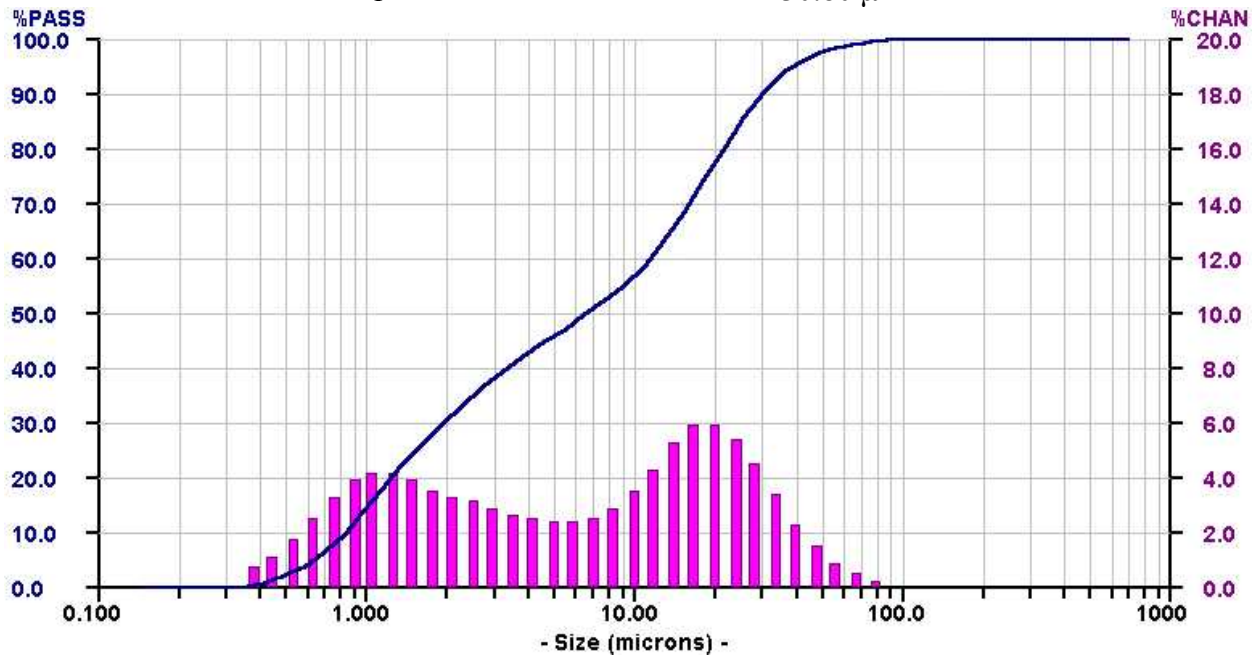
99.2 % (ZrO_2 + HfO_2)

Typical Analysis (by XRF, as oxides)

ZrO_2	= 97.30 wt. %	CaO	= 0.04 wt. %
HfO_2	= 1.90 wt. %	TiO_2	= 0.05 wt. %
SiO_2	= 0.50 wt. %	Y_2O_3	= 0.15 wt. %
Na_2O	= 0.05 wt. %	MgO	= 0.01 wt. %
Al_2O_3	= 0.05 wt. %	U	= 0.025 wt. %
Fe_2O_3	= 0.04 wt. %	Th	= 0.010 wt. %

Typical Particle Size Distribution (by L&N MICROTRAC FRA9200)

Using	10% less than:	0.82 μm
Ultrasonic	50% less than:	7.07 μm
Dispersion	90% less than:	30.80 μm



The above Microtrac is an actual sample whose results are typical for this product.