



Z-Tech LLC
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PRODUCT DATA SHEET

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CF-Extra

Plasma Processed Zirconium Dioxide Powder

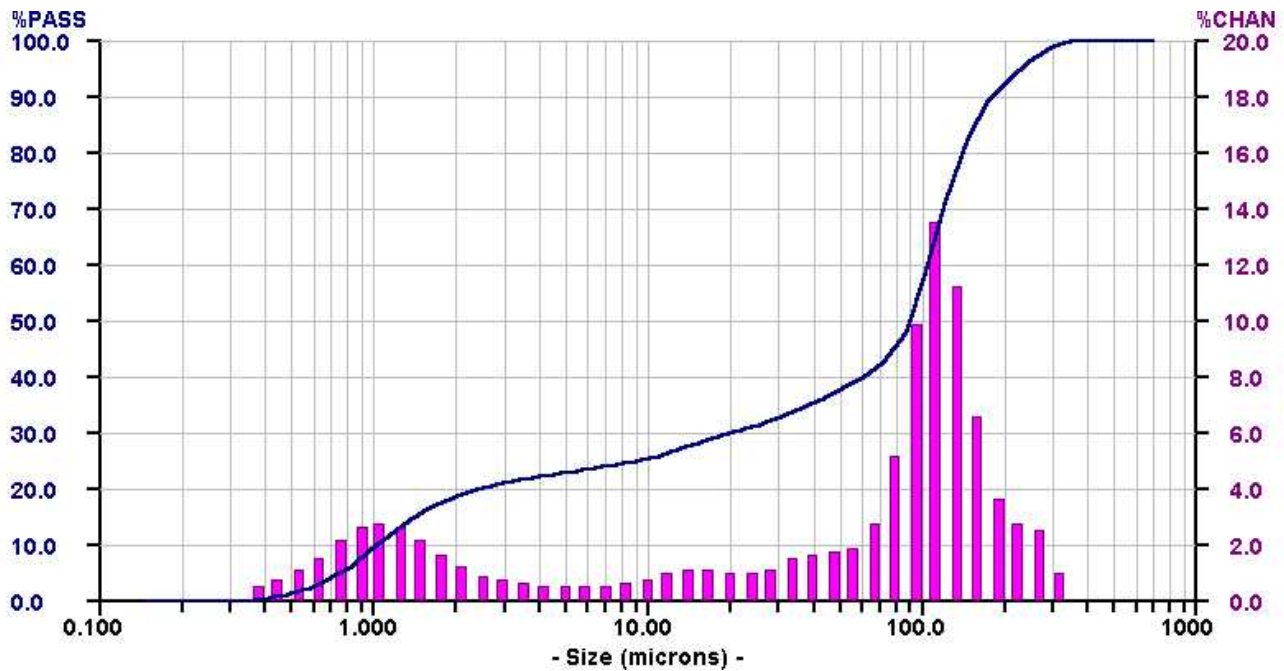
98.7 % ($ZrO_2 + HfO_2$)

Typical Analysis (by XRF, as oxides)

ZrO_2	= 96.70 wt. %	CaO	= 0.05 wt. %
HfO_2	= 1.90 wt. %	TiO_2	= 0.10 wt. %
SiO_2	= 0.90 wt. %	Y_2O_3	= 0.15 wt. %
Na_2O	= 0.05 wt. %	MgO	= 0.01 wt. %
Al_2O_3	= 0.20 wt. %	U	= 0.025 wt. %
Fe_2O_3	= 0.05 wt. %	Th	= 0.010 wt. %

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

Using	10% less than:	1.16 μm
Ultrasonic	50% less than:	93.70 μm
Dispersion	90% less than:	188.00 μm



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