

PRODUCT DATA SHEET

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CF-Premium

Plasma Processed Zirconium Dioxide Powder

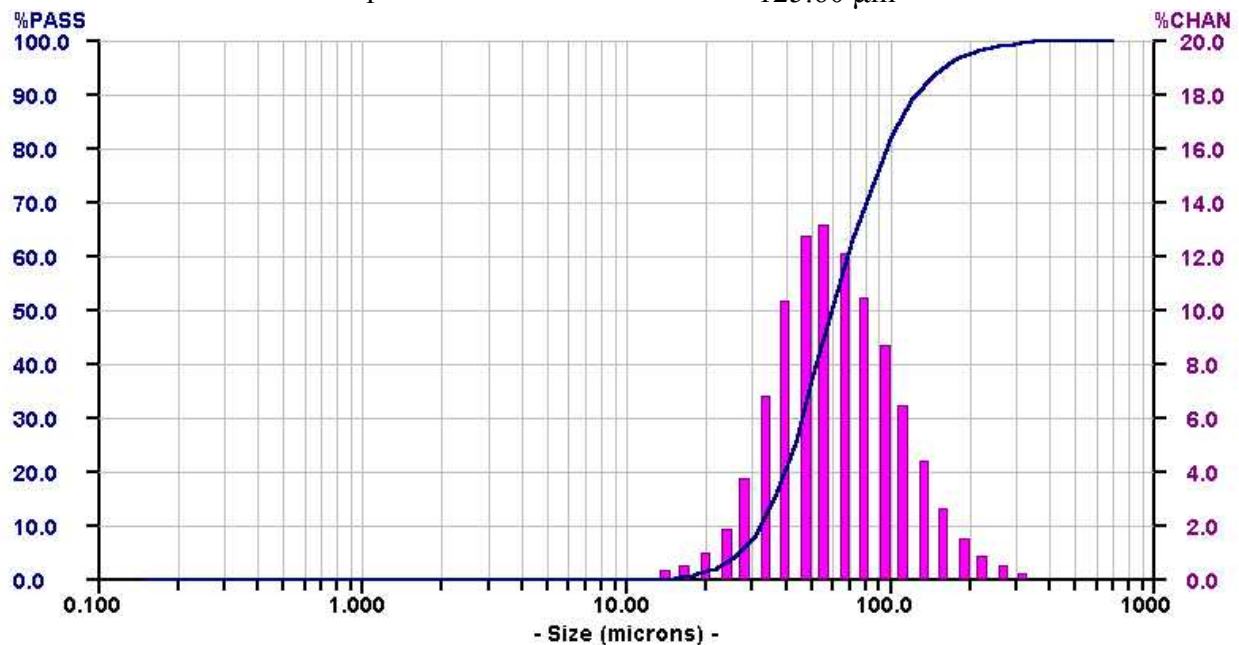
96.4 % (ZrO_2 + HfO_2)

Typical Analysis (by XRF, as oxides)

ZrO_2	= 94.60 wt. %	CaO	= 0.03 wt. %
HfO_2	= 1.80 wt. %	TiO_2	= 0.20 wt. %
SiO_2	= 2.70 wt. %	Y_2O_3	= 0.14 wt. %
Na_2O	= 0.05 wt. %	MgO	= 0.01 wt. %
Al_2O_3	= 0.40 wt. %	U	= 0.024 wt. %
Fe_2O_3	= 0.04 wt. %	Th	= 0.013 wt. %

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

Using	10% less than:	33.50 μm
Ultrasonic	50% less than:	60.36 μm
Dispersion	90% less than:	125.60 μm



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