

## PRODUCT DATA SHEET

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### CF-Plus-HM

#### Plasma Processed Zirconium Dioxide Powder

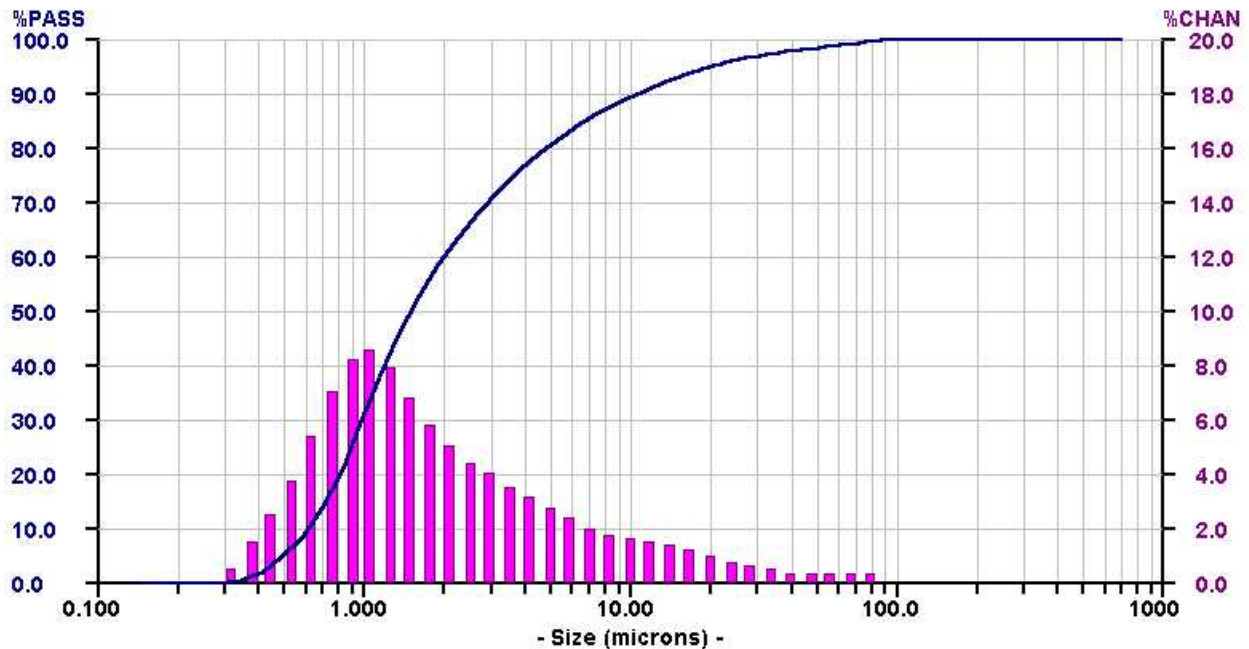
98.7 % (  $ZrO_2 + HfO_2$  )

#### Typical Analysis (by XRF, as oxides)

ZrO <sub>2</sub>	= 96.70 wt. %	CaO	= 0.05 wt. %
HfO <sub>2</sub>	= 1.90 wt. %	TiO <sub>2</sub>	= 0.10 wt. %
SiO <sub>2</sub>	= 0.90 wt. %	Y <sub>2</sub> O <sub>3</sub>	= 0.15 wt. %
Na <sub>2</sub> O	= 0.05 wt. %	MgO	= 0.01 wt. %
Al <sub>2</sub> O <sub>3</sub>	= 0.20 wt. %	U	= 0.025 wt. %
Fe <sub>2</sub> O <sub>3</sub>	= 0.05 wt. %	Th	= 0.010 wt. %

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

Using	10% less than:	0.60 μm
Ultrasonic	50% less than:	1.60 μm
Dispersion	90% less than:	10.00 μm



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