

## PRODUCT DATA SHEET

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CF-Extra

Plasma Processed Zirconium Dioxide Powder

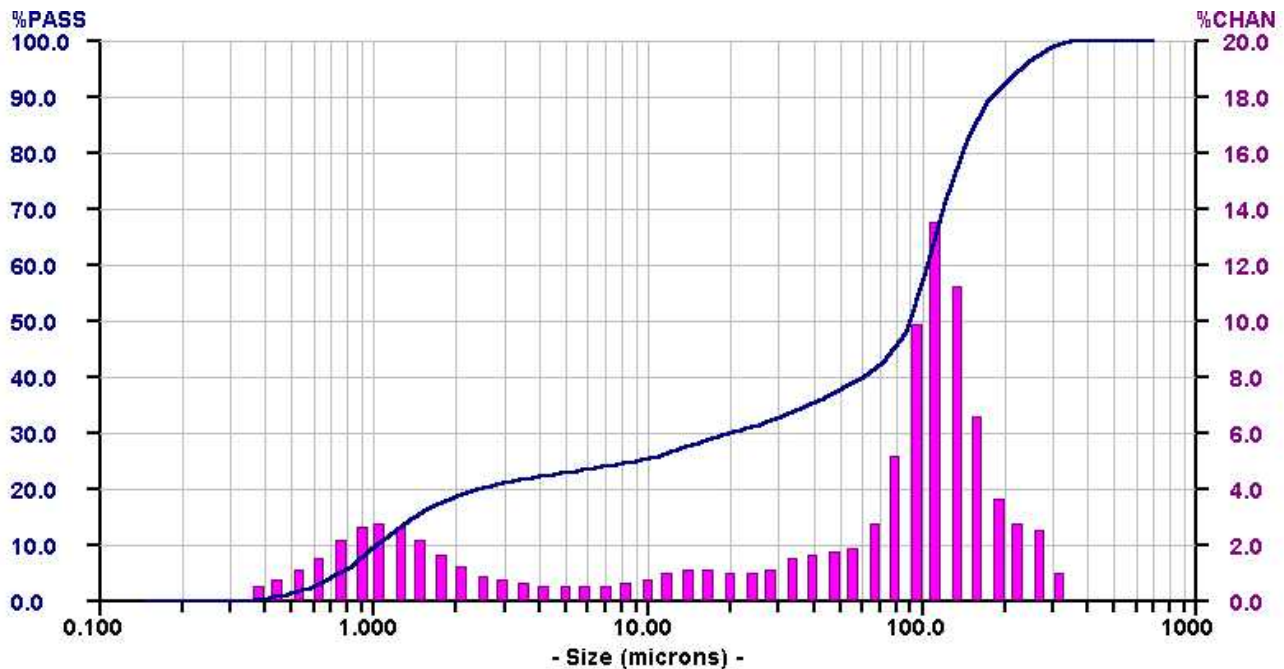
98.7 % (  $ZrO_2$  +  $HfO_2$  )

### 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 $\mu m$
Ultrasonic	50% less than:	93.70 $\mu m$
Dispersion	90% less than:	188.00 $\mu m$



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