

PRODUCT DATA SHEET

Tel. No.: 603.228.1305
Fax No.: 603.228.5234

CF-Super-HM

Plasma Processed Zirconium Dioxide Powder

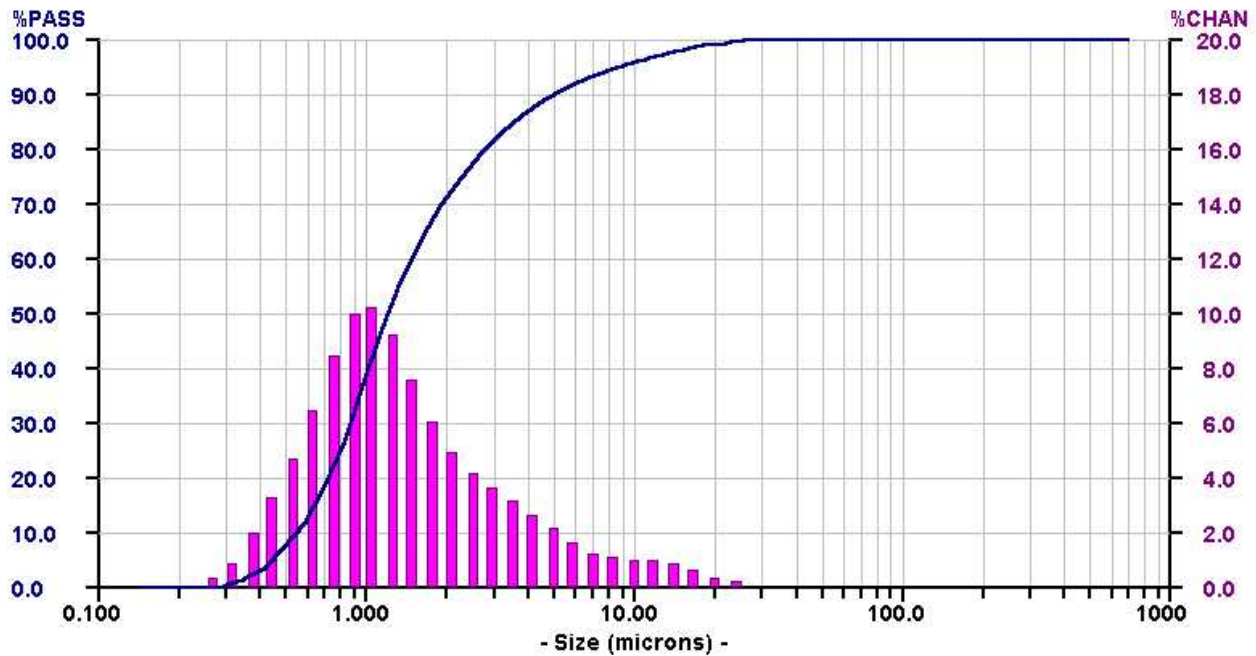
99.2 % ($ZrO_2 + HfO_2$)

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 ₂ O ₃	= 0.15 wt. %
Na ₂ O	= 0.05 wt. %	MgO	= 0.01 wt. %
Al ₂ O ₃	= 0.05 wt. %	U	= 0.025 wt. %
Fe ₂ O ₃	= 0.04 wt. %	Th	= 0.010 wt. %

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

Using	10% less than:	0.58 μ m
Ultrasonic	50% less than:	1.25 μ m
Dispersion	90% less than:	4.40 μ m



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