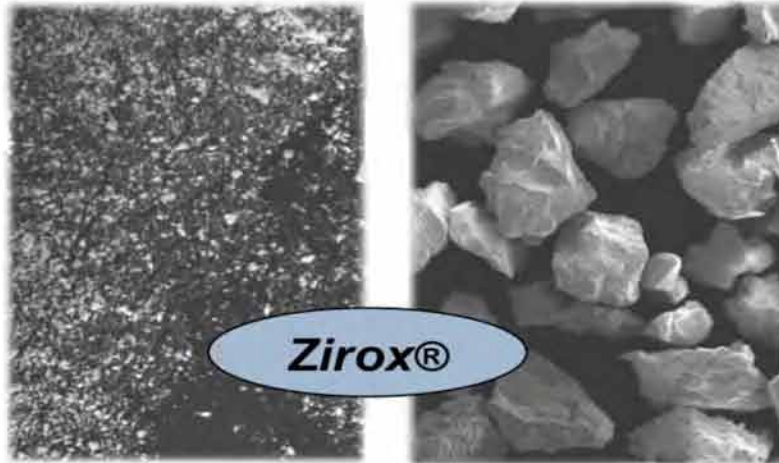




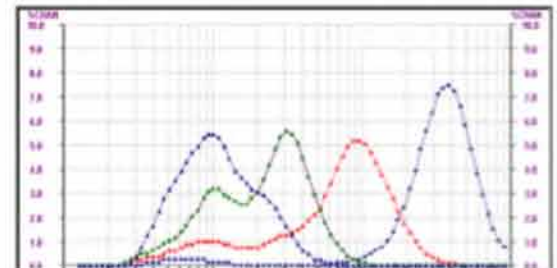
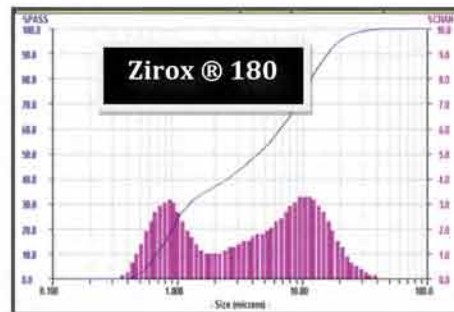
CELEBRATING 107 YEARS OF
INNOVATION IN NIAGARA FALLS, USA

Zirconia Friction Abrasives

Monoclinic Fused Zirconia



TYPICAL CHEMISTRY	
ZIROX 180 (FR)	
ZrO ₂ + HfO ₂	99.3%
SiO ₂	0.14%
TiO ₂	0.14%
Fe ₂ O ₃	0.05%
Al ₂ O ₃	0.21%
PHYSICAL	
Surface Area, m ² /g	2.0



For more info visit www.TAMceramics.com



FRICITION ABRASIVES: Typical Properties

PROPERTIES	Zirox® Fused Zirconia <u>- Zirox 180 FR -</u>
Shape & Structure	Granular, Monoclinic
Size um (%50)	4.4
pH	7
Specific Surface Area (m ² /g)	2.0
Specific Gravity	5.8
Tap Density (g/cm ³)	199 (3.2)
* Melting Point (°C)	2,715 °C
Moisture Content %	0.1%
L.O.I.	0.1%
* Mohs Hardness	~8
Color	White
<u>Chemistry</u>	
ZrO₂ + HfO₂	99.3%
SiO₂	0.14%
TiO₂	0.14%
Fe₂O₃	0.05%
Al₂O₃	0.21%

* referenced data