

Grain Size Distribution

017	-25 +5 μm
030	-45 +22 μm
033	-63 +16 μm
039	-106 +45 μm

Other grain sizes on request

Chemical Composition

ZrO ₂	base
SiO ₂	29 - 37 %
HfO ₂	< 2 %
Al ₂ O ₃	< 0.5 %
Fe ₂ O ₃	< 0.1 %
MgO	< 0.1 %
CaO	< 0.1 %
TiO ₂	< 0.2 %

These properties are typical but do not constitute specifications

Coating Properties

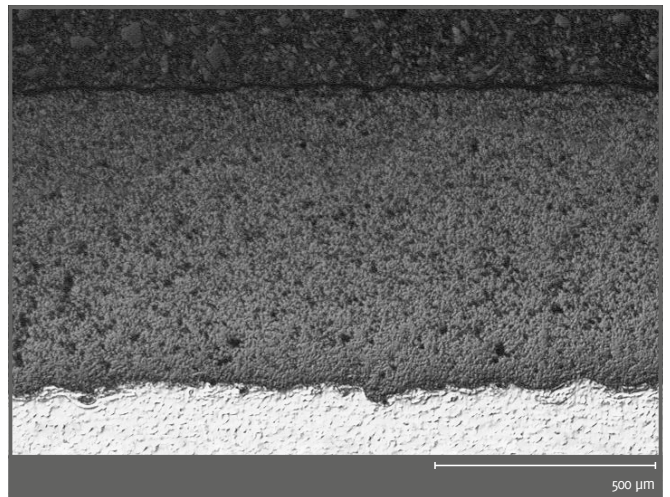
- Hardness: ~ 1000HV_{0.3}
- Max. Application Temperature: 1500 °C

Property Profile (Coating)

- High wear resistance due to high hardness
- Refractory
- Thermal shock resistance
- Excellent dielectric properties



Micro section



Micro section

