

## 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 <sub>2</sub>	base
SiO <sub>2</sub>	~ 33.0 %
TiO <sub>2</sub>	< 0.2 %
Fe <sub>2</sub> O <sub>3</sub>	< 0.1 %
MgO	< 0.1 %
CaO	< 0.1 %
Al <sub>2</sub> O <sub>3</sub>	< 0.5 %

These properties are typical but do not constitute specifications

## Coating Properties

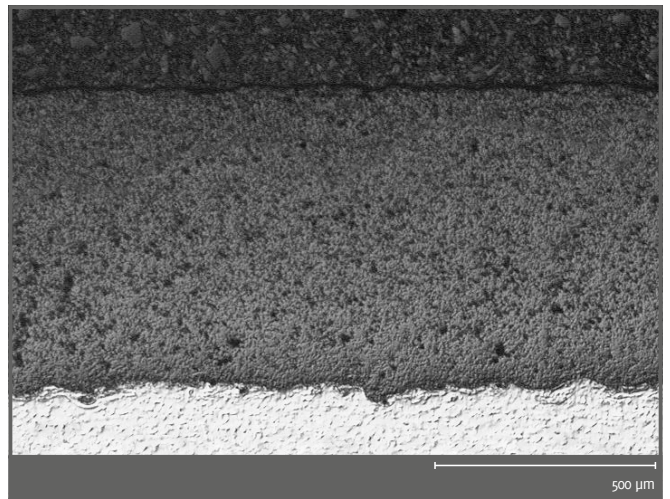
- Hardness: ~ 1000HV<sub>0.3</sub>
- Max. Application Temperature: 1500 °C

## Property Profile (Coating)

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



Micro section



Micro section

