

Grain Size Distribution

039	-106 +45 μm
041	-125 +36/45 μm
042	-135 +63 μm

Other grain sizes on request

Chemical Composition

ZrO ₂	base
Gd ₂ O ₃	58 – 61
HfO ₂	< 2.0 %
SiO ₂	< 0.05 %
Al ₂ O ₃	< 0.1 %
Fe ₂ O ₃	< 0.1 %
MgO	< 0.1 %
CaO	< 0.1 %
TiO ₂	< 0.08 %

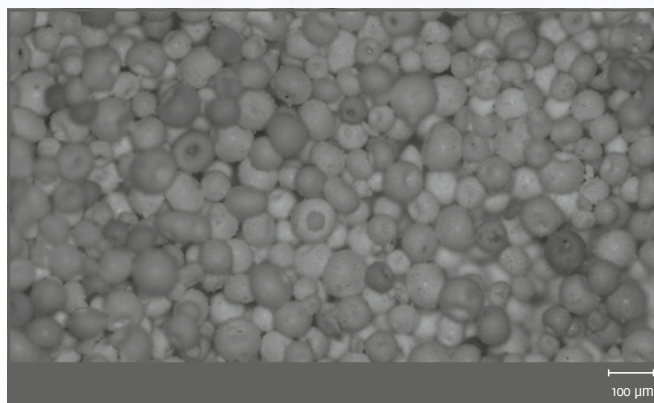
These properties are typical but do not constitute specifications

Coating Properties

- Hardness: ~ 1000HV_{0.3}
- Max. Application Temperature: 2300°C

Property Profile (Coating)

- High wear resistance
- Thermal barrier
- Thermal shock resistance



Micro section

