

Grain Size Distribution

| | | |
|-----|------|-----------|
| 033 | -63 | +16 μm |
| 036 | -90 | +45 μm |
| 039 | -106 | +45 μm |
| 041 | -125 | +36/45 μm |

Other grain sizes on request

Chemical Composition

| | |
|--------------------------------|---------|
| ZrO ₂ | base |
| SiO ₂ | < 0.1 % |
| TiO ₂ | < 0.1 % |
| Fe ₂ O ₃ | < 0.1 % |
| MgO | < 0.1 % |
| CaO | < 0.1 % |
| Y ₂ O ₃ | ~7.5 % |

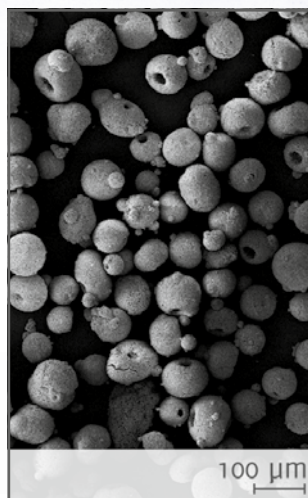
These properties are typical but do not constitute specifications

Coating Properties

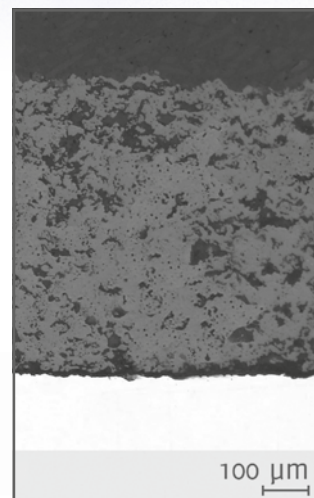
- Hardness: ~ 1400 HV_{0.3}
- Max. Application Temperature: 1300 °C

Property Profile (Coating)

- Thermal barrier
- High wear resistance
- Thermal shock resistance



Micro section



Micro section

