

Grain Size Distribution

039	-106 +45 μm
041	-125 +36/45 μm

Other grain sizes on request

Chemical Composition

ZrO ₂	base
Y ₂ O ₃	6 – 8 %
HfO ₂	< 2 %
SiO ₂	< 0.2 %
Al ₂ O ₃	< 0.2 %
Fe ₂ O ₃	< 0.1 %
MgO	< 0.1 %
CaO	< 0.2 %
TiO ₂	< 0.2 %

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