

Grain Size Distribution

017	-25 +5 µm
019	-30 +5 µm
020	-30 +10 µm
027	-45 +5 µm
029	-45 +15 µm
030	-45 +22 µm

Other grain sizes on request

Chemical Composition

Al ₂ O ₃	base
SiO ₂	12 - 14 %
TiO ₂	< 0.5 %
Fe ₂ O ₃	< 0.2 %
MgO	< 0.2 %
CaO	< 0.2 %

These properties are typical but do not constitute specifications

Coating Properties

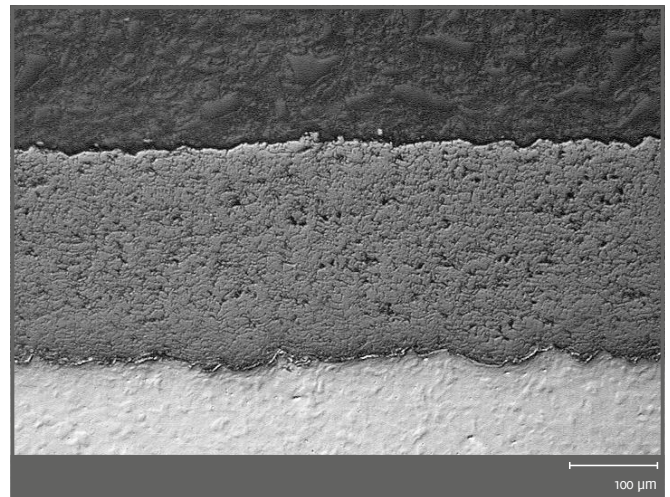
- Hardness: ~ 1000 HV_{0.3}
- Max. Application Temperature: 500 °C
- Good Grinding and Polishing Properties

Property Profile (Coating)

- High wear resistance
- Chemical resistance against acids
- Low wettability
- Ductility due to TiO₂-content



Micro section



Micro section

