

IKH 7303

Cr₂O₃/TiO₂ 97/3 reaction sintered

Grain Size Distribution

O20	-30 +10 µm
O30	-45 +22 µm

Other grain sizes on request

Chemical Composition

Cr ₂ O ₃	base
SiO ₂	< 0.1 %
TiO ₂	~ 3.0 %
Fe ₂ O ₃	< 0.1 %
MgO	< 0.1 %
CaO	< 0.1 %
Al ₂ O ₃	< 0.1 %
Cr met.	< 0.1 %

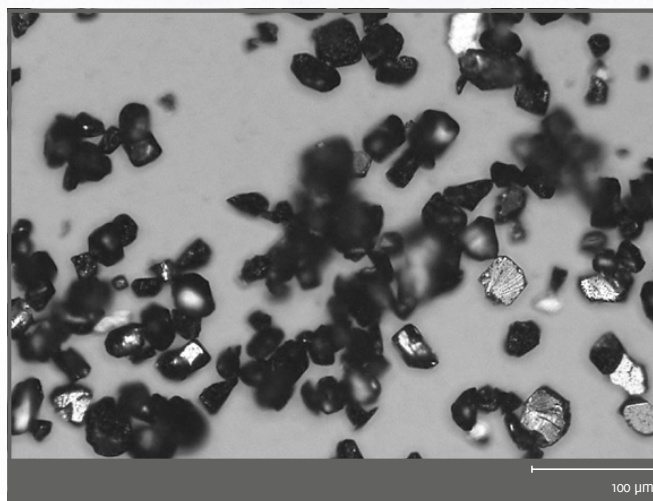
These properties are typical but do not constitute specifications

Coating Properties

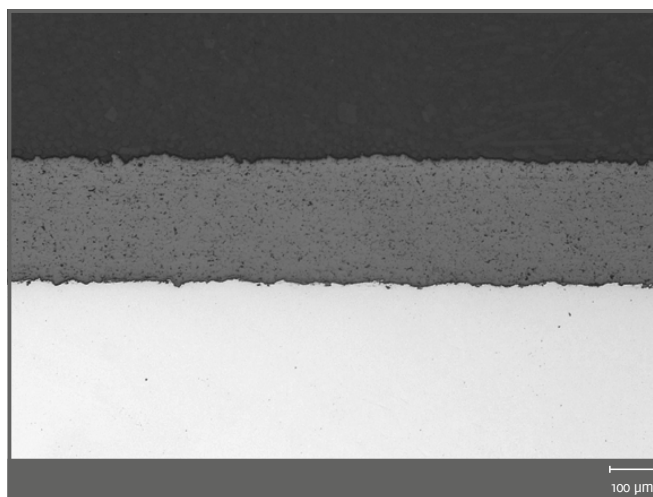
- Hardness: ~ 900HV_{0.3}
- Max. Application Temperature: 500°C

Property Profile (Coating)

- High wear resistance
- Chemical resistance (alkalis and acids)
- Ductility



Micro section



Micro section

