

IKH 8001

Cr₂O₃/SiO₂/TiO₂ 92/5/3 fused

Grain Size Distribution

017	-25 +5 μm
030	-45 +22 μm

Other grain sizes on request

Chemical Composition

Cr ₂ O ₃	base
SiO ₂	~ 5.0 %
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

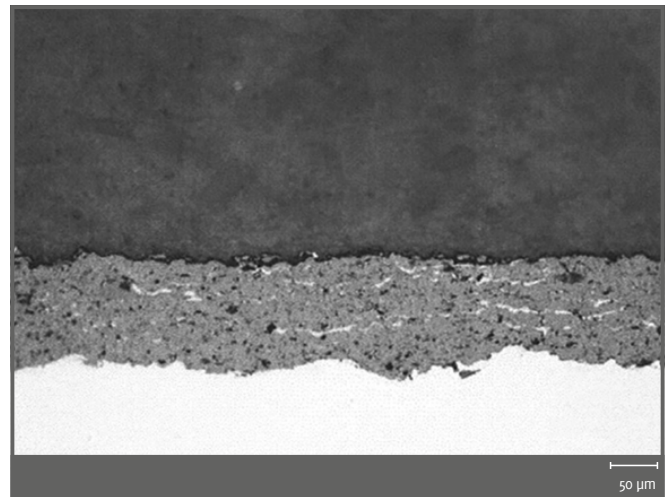
- Hardness: ~ 900 HV_{0.3}
- Max. Application Temperature: 500 °C
- Melting Point: ~ 1900 °C – 2200 °C

Property Profile (Coating)

- Wear resistance
- Electrically insulating
- Chemical resistance



Micro section



Micro section

