

IKH 3101

Al₂O₃/MgO 72/28 fused (Mullit)

Grain Size Distribution

010	< 60 µm
017	-25 +5 µm
019	-30 +5 µm
027	-45 +5 µm
030	-45 +22 µm
033	-63 +16 µm
036	-90 +45 µm

Other grain sizes on request

Chemical Composition

Al ₂ O ₃	base
MgO	27 - 29 %
SiO ₂	< 0.5 %
Fe ₂ O ₃	< 0.3 %
CaO	< 0.3 %
TiO ₂	< 0.1 %

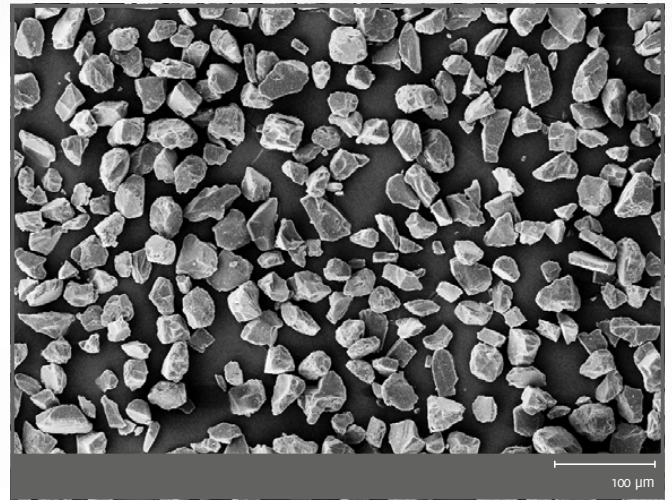
These properties are typical but do not constitute specifications

Coating Properties

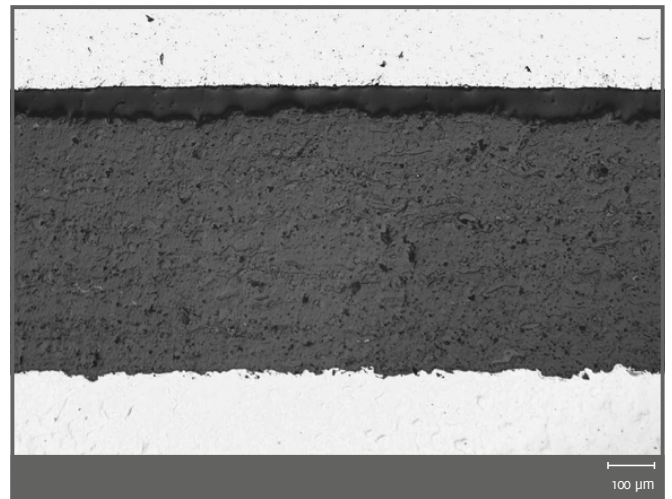
- Hardness: ~ 800 HV_{0,3}
- Max. Application Temperature: 900 °C

Property Profile (Coating)

- High wear resistance
- High fracture toughness



Micro section



Micro section

