IKH 6003

Cr_2O_3 99 reaction-sintered

Grain Size Distribution

016	-22 +5 µm
017	-25 +5 µm
018	-26 +10 µm
020	-30 +10 µm
024	-38 +10 µm
029	-45 +15 µm
030	-45 +22 µm
050	-22 +2 µm

Chemical Composition

Cr_2O_3	base
SiO_2	< 0.15 %
Al_2O_3	< 0.1 %
Fe_2O_3	< 0.1 %
MgO	< 0.1 %
CaO	< 0.1 %
TiO_2	< 0.1 %

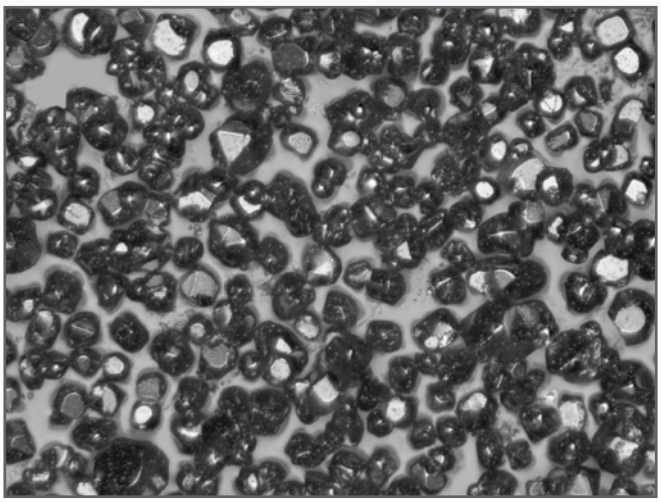
These properties are typical but do not constitute specifications

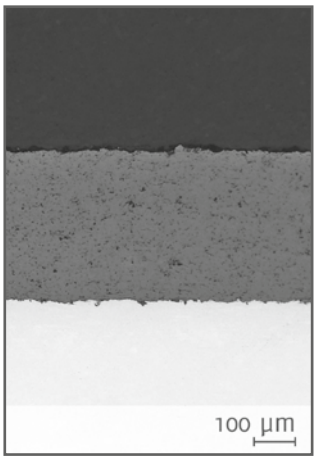
Coating Properties

- Hardness: ~ 1250 $HV_{0.3}$
- Max. Application Temperature: 500 °C
- Porosity: < 2.5 %
- Bond coat: IKH 810 NiCr 80/20 and IKH 831 316 L

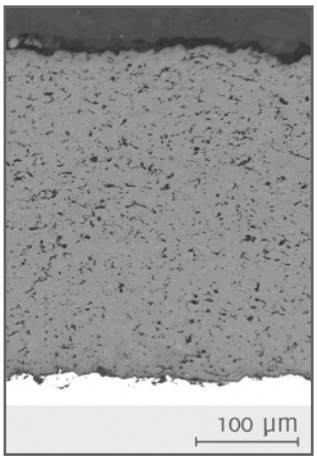
Property Profile (Coating)

- High wear resistance
- Chemical resistance
- Laser engravable
- Good ink receptivity





Micro section



Micro section

fon: +49 7746-92 100
fax: +49 7746-92 1099
mail: info@ik-hochrhein.com
web: www.ik-hochrhein.com

Industriekeramik Hochrhein GmbH

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