

Property Profile Al₂O₃/MgO - Coating

- High wear resistance

Product Number:

IKH 3101

Grain Size Distribution

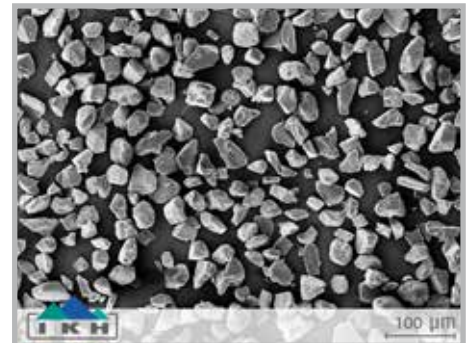
Grain Size	Distribution
20	-90 +45 µm
19	-63 +16 µm
16	-45 +22 µm
14	-45 +5 µm
08	-30 +5 µm
07	-25 +5 µm

*other grainsizes on request



Typical Chemical Composition

Al ₂ O ₃	base
SiO ₂	< 0,5 %
TiO ₂	< 0,1 %
Fe ₂ O ₃	< 0,3 %
MgO	~ 28,0 %
CaO	< 0,1 %



Coating Properties

Applicable up to 900 °C

Spray Parameters

Plasmagenerator	F4
Plasma Gas Ar (SLPM)	43
Plasma Gas H ₂ (SLPM)	12
Current (A)	580
Spray Distance (mm)	120

