

## Property Profile Gd<sub>2</sub>O<sub>3</sub>/ZrO<sub>2</sub> 60/40 - Coating

- High wear resistance
- Thermal shock resistance
- Thermal barrier

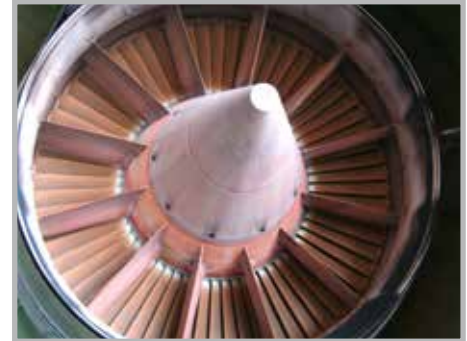
Product Number:

**IKH 15004**

## Grain Size Distribution

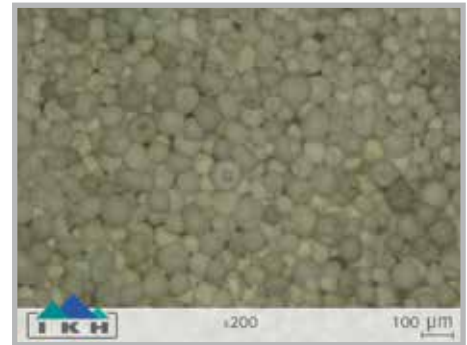
Grain Size	Distribution
37	-125 +45 μm
36	-106 +45 μm
19	-63 +16 μm

\* other grainsizes on request



## Coating Properties

Hardness: approx. 1000 HV 0,3  
Applicable up to 2.300 °C



## Typical Chemical Composition

Gd <sub>2</sub> O <sub>3</sub>	base
SiO <sub>2</sub>	< 0,1 %
TiO <sub>2</sub>	< 0,1 %
Fe <sub>2</sub> O <sub>3</sub>	< 0,1 %
MgO	< 0,1 %
CaO	< 0,1 %
ZrO <sub>2</sub> + HfO	~ 40,0 %

