

### Grain Size Distribution

017	-25 +5 μm
029	-45 +15 μm
030	-45 +22 μm
033	-63 +16 μm
039	-106 +45 μm

Other grain sizes on request

### Chemical Composition

ZrO <sub>2</sub>	base
MgO	18 – 28 %
HfO <sub>2</sub>	< 2 %
SiO <sub>2</sub>	< 0.3 %
Al <sub>2</sub> O <sub>3</sub>	< 0.3 %
Fe <sub>2</sub> O <sub>3</sub>	< 0.1 %
CaO	< 1 %
TiO <sub>2</sub>	< 0.2 %

These properties are typical but do not constitute specifications

### Coating Properties

- Hardness: ~ 1200HV<sub>0.3</sub>
- Max. Application Temperature: 2500 °C

### Property Profile (Coating)

- High wear resistance due to high hardness
- Electrically insulating
- Ductility

