

ceram GmbH Ingenieurkeramik

Products List of Ceramics for Thermal Spray

Aluminum Oxides

Al₂O₃ (99%) Fused
Al₂O₃ (99.7%) Fused and Acid Treated

Al₂O₃ / 1%TiO₂ Blended or Fused
Al₂O₃ / 3%TiO₂ Blended or Fused
Al₂O₃ / 6%TiO₂ Blended or Fused
Al₂O₃ / 13%TiO₂ Blended or Fused
Al₂O₃ / 15%TiO₂ Blended or Fused
Al₂O₃ / 40%TiO₂ Blended or Fused

Al₂O₃ / 2%Cr₂O₃ Blended or Fused
Al₂O₃ / 3%Cr₂O₃ Blended or Fused
Al₂O₃ / 40%Cr₂O₃ Blended or Fused

Al₂O₃ / 20%ZrO₂ Fused
Al₂O₃ / 40%ZrO₂ Fused

Al₂O₃ / 28%MgO Fused
Al₂O₃ / 25%SiO₂ Fused

Zirconium Oxides

ZrO₂ Monoclinic, Fused
ZrO₂ / 3%CaO Fused
ZrO₂ / 5%CaO Fused
ZrO₂ / 10%CaO Fused
ZrO₂ / 30%CaO Fused

ZrO₂ / 3%MgO Fused
ZrO₂ / 5%MgO Fused
ZrO₂ / 24%MgO Fused

ZrO₂ / 33%SiO₂ Fused

ZrO₂ / 6%Y₂O₃ Fused
ZrO₂ / 8%Y₂O₃ Fused
ZrO₂ / 13%Y₂O₃ Fused
ZrO₂ / 20%Y₂O₃ Fused

Other Powders: SiO₂, CeO₂

Chromium Oxides

Cr₂O₃ (97%) Fused
Cr₂O₃ (99%) Fused
Cr₂O₃ (99.7%) Sintered

Cr₂O₃ / 3%TiO₂ Blended or Fused
Cr₂O₃ / 10%TiO₂ Blended or Fused
Cr₂O₃ / 15%TiO₂ Blended or Fused
Cr₂O₃ / 25%TiO₂ Blended or Fused
Cr₂O₃ / 40%TiO₂ Blended or Fused

Cr₂O₃ / 5%SiO₂ / 3%TiO₂ Fused

Titanium Oxides

TiO₂ Rutile
TiO₂ (97%) Fused
TiO₂ (99%) Fused

Yttrium Oxides

Y₂O₃ (99.9%) Fused
Y₂O₃ / 5%ZrO₂ Fused

Magnesium Oxides

MgO (99%) Fused
MgO / 10%Al₂O₃

Biomedical Powders

Hydroxyapatite
Titanium Sponge Powder

Silicon Carbide (Sintered Powders)

Green C 04, 05, 10, 13, 15, 25
Black C 04, 05, 10, 13, 15, 25

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