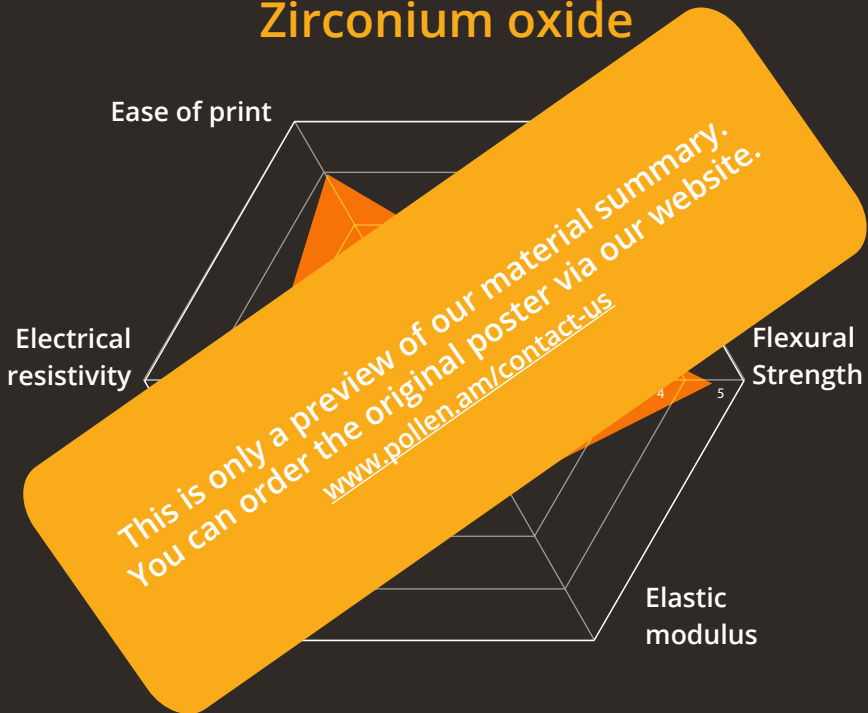


ZrO₂

Zirconium oxide



Zirconia or Zirconium oxide is a chemical compound of Zircon and oxygen with the chemical formula ZrO_2 . With no pigment, it is an ivory colored ceramic. Zirconia is a multi-purpose construction material with a very low thermal conductivity and high strength. Components made from this material are significantly more expensive than components made of alumina ceramics.

Applications: Mining, General engineering, Medical, Paper industry, Aerospace, Construction, Defense, etc.

Density: 6.00 g/cm³

Max T° of use: 1 000°C