

Lithium Lanthanum Zirconium Oxide (LLZO) for All Solid State Battery technology



We supply advanced zirconium raw materials that enhance the performance and efficiency of new technologies, many of which are playing a key role in the clean energy transition.

Our focus is on developing and maintaining sustainable supply chains; adding value through raw material sourcing, research and development, powder processing, local stock holding and distribution

In collaboration with the University of Cambridge, we have developed doped Lithium Lanthanum Zirconium Oxide (LLZO) powder for solid-state battery electrolyte technology.

Raw Materials

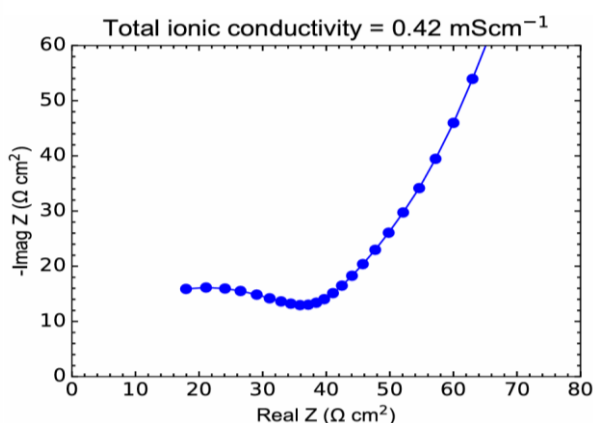
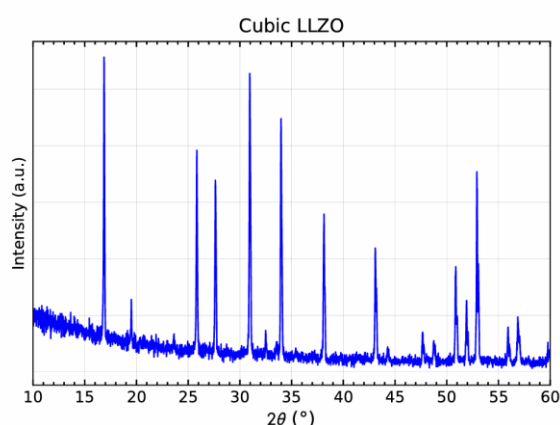
As a specialist in raw material supply chains, we have developed a sustainable and viable supply chain using readily available, low-cost raw materials

Processing

Our powder is produced in the UK using a low cost, solid-state reaction process which is commercially scalable

Crystal structure and Electrochemical analysis

The XRD pattern for our doped cubic LLZO, exhibiting high ionic conductivity



Supply

Please contact us for readily available samples or if you would like to discuss a collaboration in your battery technology development - enquiries@zircomet.com

In collaboration with

