MgO

Thermistors

Varistors Wear parts

Keywords for Journal of the European Ceramic Society

Authors should select a maximum of five keywords. Each keyword should be accompanied by the capital letter denoting the category from which the keyword has been selected. If authors wish they may nominate one keyword which is not included in the list below. The list of up to five keywords should appear on the title page of each paper submitted for consideration following the abstract.

C. Properties

A. Processing

Surfaces

Whiskers

X-ray methods

| A. Processing | C. Properties | MgO |
|---------------------------------|---|-------------------------|
| | | Mullite |
| Calcination | Chemical properties | Niobates |
| Drying | Colour | Nitrides |
| Extrusion | Corrosion | Oxide superconductors |
| Films | Creep | Perovskites |
| Finishing | Dielectric properties | PLZT |
| Firing | Diffusion | PZT |
| Grain growth | Electrical properties | Porcelain |
| Hot isostatic pressing | Electrical conductivity | RBAO |
| Hot pressing | Fatigue | Si_3N_4 |
| Implantation | Ferroelectric properties | Sialon |
| Injection moulding | Fracture | SiC |
| Joining | Hardness | Silicate |
| Microwave processing | Impedance | Silicides |
| Milling | Ionic conductivity | SiO ₂ |
| Mixing | Lifetime | Spinels |
| Powders: solid state reaction | Magnetic properties | Tantalates |
| Powders: gas phase reaction | Mechanical properties | TiO ₂ |
| Powders: chemical preparation | Optical properties | Traditional ceramics |
| Precursors: organic | Piezoelectric properties | Transition metal oxides |
| Pressing | Plasticity | UO ₂ |
| Shaping | Strength | $\mathbf{Y_2O_3}$ |
| Sintering | Superconductivity | ZnO |
| Slip casting | Thermal conductivity | ZrO_2 |
| Sol-gel processes | Thermal expansion | 21.02 |
| Suspensions | Thermal properties | |
| Tape casting | Thermal shock resistance | E. Applications |
| Tape casting | Toughness and toughening | E. Applications |
| | Wear resistance | Actuators |
| B. Structure and Microstructure | wear resistance | Armour |
| Composites | | Batteries |
| Defects | D. Compositions | Biomedical applications |
| Electron microscopy | D. Compositions | Capacitors |
| Failure analysis | Al_2O_3 | Cutting tools |
| Fibres | $Al_2 TiO_5$ | Engine components |
| Grain size | Alkali oxides | Fuel cells |
| Grain boundaries | Alkaline earth oxides | Functional applications |
| Impurities | Apatite | Hard magnets |
| Inclusions | β -Al ₂ O ₃ | Insulators |
| Interfaces | BaTiO ₃ and titanates | Lamp envelopes |
| Microstructure-final | BeO | Membranes |
| Microstructure-prefiring | Borides | Nuclear applications |
| Nanocomposites | Carbides | PTC devices |
| Non-destructive evaluation | Carbon | Refractories |
| Optical microscopy | CeO ₂ | Sensors |
| Platelets | Clays | Soft magnets |
| | Dimox | Structural applications |
| Porosity Spectroscopy | Ferrites | Substrates |
| SOCCIFOSCODY | 1,011100 | SUUSIIAIES |

Glass

Halides

Glass ceramics