

Hidria AET d.o.o. is a widely recognized partner in the field of technical ceramics. Being specialized in the production of aluminium oxide (alumina) ceramics from 85% to 99,7% purity, We offer a diverse range of components for electrical, mechanical, wear and corrosion resistant applications. Know how in technology of low pressure injection moulding (LPIM), our own tool-making facilities, decade's long expertise and dedicated research and development team enable us to produce high quality and cost effective ceramic products for our customers. A company wide quality management system ensures that our products and services are fully in line with the customers expectations.



## Heating Technologies



### IGNITION AND IONIZATION ELECTRODES

The production program of ignition and ionization electrodes covers many domestic and industrial applications where ignition or/and flame detection is required. The electrodes are used in cookers, floor and wall standing boilers, condensing boilers, water heaters, gas and oil burners, radiant tube heaters, caravan refrigerators, etc.

Ignition and ionization electrodes are custom made and can be manufactured with a ceramic dielectric in alumina, assembled with a variety of electrodes, cables and connectors, according to the needs of the application.

**We have the vision. We know the way.**

## CERAMIC SHAFTS, BEARINGS, SEALS, VALVES, PISTONS and OTHER PUMP PRODUCTS

Alumina ceramics exhibit excellent dimensional stability and high degree of wear, chemical and mechanical resistance. Manufacturing techniques allow accurate engineering tolerances, fine surface finishes and polishes. Typical products made of machined alumina ceramics are shafts, bearings, thrust plates, seals, valves, pistons and various custom made components for general domestic and industrial pumps, circular pumps, automotive water pumps and many other appliances.



## CERAMIC COMPONENTS

Varieties of thermal and electrical insulators are made according to the customer specifications and are available with enamelled or unglazed finish. Technology of low pressure injection moulding allows the production of complex shapes of ceramic components on a volume production basis.



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**With joint effort** we are sure to win.