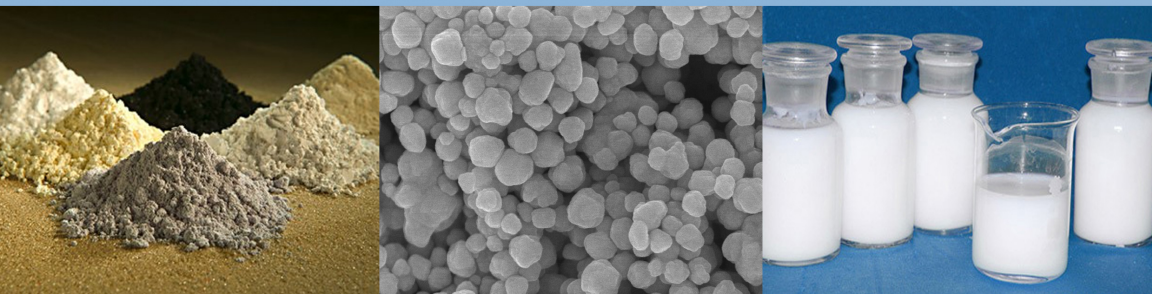




Advanced Technology Materials

Business of Innovations

Manufacture & Supplier of Technical Ceramic Powders,
Fuel Cell (SOFC) Materials, Rare Earth Chemicals & Nano-Materials



Advanced Technology Materials is engaged in the development, production and marketing of advanced materials including technical ceramic powder, fuel cell (SOFC) materials, nano-materials and rare earth chemicals. The company has mastered in the bulk production of advanced materials through the development of cost effective chemical processes. The high purity, sub-micron/nano-powder products associated with large surface area finds a wide range of high-tech applications. We make the products according to our customer needs and even provide services related to technical ceramics. The aim is to deliver the promise of quality, not just our products.

Stabilized Zirconia Powders

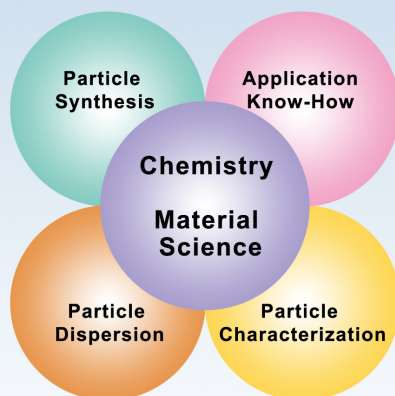
(Minimum Packing: 5 kg)

- (a) Yttria Stabilized: 3YSZ and 8YSZ
- (b) Ceria Stabilized: 12CSZ

Alumina Powders

(Minimum Packing: 20 kg)

- (a) Alpha Alumina
- (b) Gamma Alumina
- (c) Thermal Spray Powder



<http://www.admat.in>



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+91 (22) 28710176

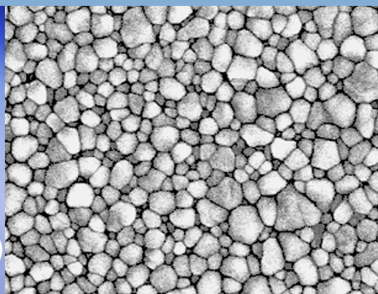


info@admat.in
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Fuel CELL (SOFC) Materials

(Minimum Packing: 1 kg)

- (a) Yttria Stabilized Zirconia (8YSZ) Electrolyte
- (b) Gadolinia Doped Ceria (GDC) Electrolyte
- (c) Lanthanum Strontium Manganite (LSM) Cathode

Nano-Materials

(Minimum Packing: 2 kg)

- (a) Nano Stabilized Zirconias
- (b) Nano Alpha and Gamma Aluminas
- (c) Nano SOFC Materials

High Purity Rare Earth Chemicals

(Minimum Packing: 2 kg)

- | | | |
|----------------------|-----------------------|---------------------|
| (a) Yttrium Nitrate | (b) Yttrium Oxide | (c) Cerium Nitrate |
| (d) Cerium Oxide | (e) Lanthanum Nitrate | (f) Lanthanum Oxide |
| (g) Gadolinium Oxide | | |

PRODUCT FEATURES

- ✓ Precise Control over Chemical Composition
- ✓ Phase Pure
- ✓ Fine Particle Size with High Surface Area
- ✓ Well Dispersible
- ✓ Higher Densities at Lower Sintering Temperatures

We provide the following related to Ceramic Science and Technology

- | | |
|---|--|
|  Custom Made Oxide Powders |  Particle Technology Solutions |
|  Technical Ceramic Components |  Advanced Ceramic Powder Processing Machineries |



Advanced Technology Materials

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