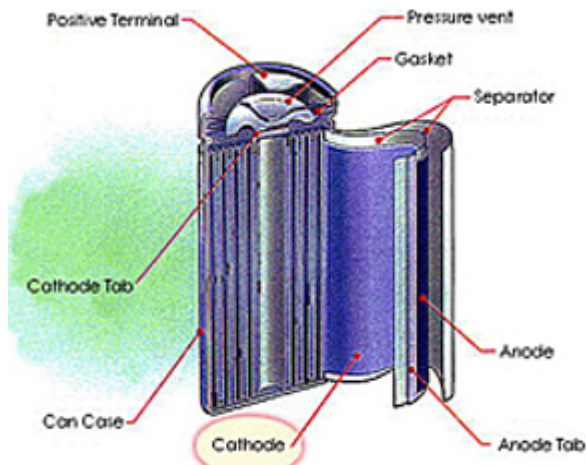


CELLSEED®

## Cathod Materials for Rechargeable Lithium Batteries



Structure of Cylindrical Lithium Ion Rechargeable Battery

Nippon Chemical Industries has developed high performance cathode materials for Lithium ion batteries,

"Cellseed C" is a Lithium-Cobalt Oxide that was developed to have long life performance, and exhibits very high application requirements that exceed most specifications for the markets where Lithium ion batteries are being used.

Presently CELLSEED "C" grades (lithium-cobalt oxide) are commercially available in a range of particle sizes, the sizes being controlled very closely by our unique manufacturing process.

"Cellseed NMC" is a Lithium-nickel-manganese-cobalt Oxide that are offered for specific high performance applications.

CELLSEED NMC is presently available for sampling. We welcome the opportunity to submit samples for your evaluations and will work with your research department to develop cathode materials that will perform to your product's requirements and specifications.

Nippon Chemical Industries has developed a highly technical and unique matrix for retaining the electrolyte within molten carbonate fuel cell systems.

This matrix is based on Aluminum oxide.

"CELLSEED" is a group of lithium materials used in the manufacturing of cathodes for lithium and lithium polymer rechargeable batteries.

CELLSEED is produced by a new and technically advanced manufacturing process developed by Nippon Chemical Industrial Co., Ltd.

CELLSEED features include:

Narrow particle size distribution range.

Excellent coating characteristics for the electrode producing process.

Spheroidal particle having a small surface area.

Excellent compatibility with materials for anodes and electrolytes.

CELLSEED is non-dusting and safe to use

**NOTICE:**

\* No part of contents on this Internet Web site may be reproduced in any form or by any means including information storage and retrieval systems without permission from Nippon Chemical Industrial Co., Ltd.

\* Nippon Chemical Industrial Co., Ltd. makes no commitment to updating or correcting any information that is provided on this Web site.

\* Though the information and statements on the Web site are believed to be reliable, Nippon Chemical Industrial Co., Ltd. makes no representations or warranties as to the completeness or accuracy of any of this product information.

\* All the products need to be handled with care to ensure safety.

© 2011 Nippon Chemical Industrial Co., LTD. All Rights Reserved.