Perovskite type oxides

Nippon Chemical Industrial manufactures Perovskite type oxides—which can be expressed by formula of the type $\text{ABO}_3$—utilizing technologies acquired in the development of barium titanate ($\text{BaTiO}_3$).

[Products]
SrTiO$_3$ strontium titanate (ST) CAS No. 12060-59-2
CaTiO$_3$ calcium titanate (CT) CAS No. 12049-50-2
BaZrO$_3$ barium zirconate (BZ) CAS No. 12009-21-1

Table Characteristics of ST, CT and BZ

<table>
<thead>
<tr>
<th></th>
<th>ST</th>
<th>CT</th>
<th>BZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particle size (µm)</td>
<td>0.8</td>
<td>1.0</td>
<td>0.3</td>
</tr>
<tr>
<td>Specific surface area (m$^2$/g)</td>
<td>2.0</td>
<td>2.6</td>
<td>10.0</td>
</tr>
</tbody>
</table>

* In addition to the above products, we offer some types of complex oxides, expressible in the form $\text{Ba}_x\text{Ca}_{(1-x)}\text{Ti}_y\text{Zr}_{(1-y)}\text{O}_3$, $\text{Ba}_x\text{Sr}_{(1-x)}\text{TiO}_3$, etc.

[Uses]
Materials for capacitors
Additives
Materials for high frequency materials (GHz bandwidth), etc.

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.