

Perovskite type complex oxides Electronic ceramic materials

Perovskite type oxides

Nippon Chemical Industrial manufactures Perovskite type oxides—which can be expressed by formula of the type ABO_3 —utilizing technologies acquired in the development of barium titanate ($BaTiO_3$).

[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

	ST	CT	BZ
Particle size (μm)	0.8	1.0	0.3
Specific surface area (m^2/g)	2.0	2.6	10.0

* In addition to the above products, we offer some types of complex oxides, expressible in the form $Ba_xCa_{(1-x)}Ti_yZr_{(1-y)}O_3$, $Ba_xSr_{(1-x)}TiO_3$, etc.

[Uses]

Materials for capacitors

Additives

Materials for high frequency materials (GHz bandwidth), etc.

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