

## Product list

Compounds	physical property				SPEC			Cat.No.	Paking
	Crystal system	Secondary particle size	Bulk Density (g/ml)	True density (g/ml, 20°C)	Purity	SSA (m <sup>2</sup> /g)	Mean particle size (D <sub>BET</sub> )		
Dy <sub>2</sub> O <sub>3</sub>	Monoclinic system	0.146 μm	0.27	7.81	3N5	>51	<15nm	11343-34	25g
								11343-53	5g
Er <sub>2</sub> O <sub>3</sub>	Monoclinic system	0.169 μm	0.16	8.64	3N	>46	<15nm	14601-34	25g
								14601-53	5g
Eu <sub>2</sub> O <sub>3</sub>	Monoclinic system	0.088 μm	0.26	7.42	3N5	>54	<15nm	14604-34	25g
								14604-54	5g
Gd <sub>2</sub> O <sub>3</sub>	Monoclinic system	0.186 μm	0.26	7.41	3N5	>54	<15nm	17000-34	25g
								17000-53	5g
Ho <sub>2</sub> O <sub>3</sub>	Monoclinic system	0.182 μm	0.27	8.36	3N	>48	<15nm	18643-34	25g
								18643-53	5g
La <sub>2</sub> O <sub>3</sub>	Hexagonal system	0.149 μm	0.12	6.51	3N5	>61	<15nm	24013-34	25g
								24013-53	5g
Lu <sub>2</sub> O <sub>3</sub>	Monoclinic system	0.136 μm	0.12	9.42	3N5	>43	<15nm	24278-44	10g
								24278-64	1g
Nd <sub>2</sub> O <sub>3</sub>	Hexagonal system	0.109 μm	0.13	7.24	3N	>55	<15nm	28097-34	25g
								28097-53	5g
Pr <sub>6</sub> O <sub>11</sub>	Cubic system + Hexagonal system (ca. 7 : 3)	0.081 μm	0.16	6.61	3N	>59	<15nm	32416-34	25g
								32416-53	5g
Sc <sub>2</sub> O <sub>3</sub>	Cubic system	0.209 μm	0.11	3.85	3N5	>104	<15nm	37495-44	10g
								37495-64	1g
Sm <sub>2</sub> O <sub>3</sub>	Hexagonal system	0.134 μm	0.14	7.43	2N5	>54	<15nm	37014-34	25g
								37014-53	5g
Tb <sub>4</sub> O <sub>7</sub>	Cubic system	0.117 μm	0.25	6.27	3N5	>51	<15nm	41007-34	25g
								41007-53	5g
Tm <sub>2</sub> O <sub>3</sub>	Monoclinic system	0.154 μm	0.19	8.77	3N	>46	<15nm	41013-44	10g
								41013-64	1g
Yb <sub>2</sub> O <sub>3</sub>	Monoclinic system	0.117 μm	0.13	9.18	3N5	>44	<15nm	47000-34	25g
								47000-53	5g


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