

EVAPORATION MATERIALS

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Vacuum Deposition Grade Materials

Pellets, granules, pieces, tablets, beads are available for vacuum evaporation deposition, with purity 99%-99.9999%.

Certificate

Each batch of material is shipped with a certificate of analysis and represents the current batch only.

Material Safety Data Sheet (MSDS) will be attached if the materials are dangerous.



Custom manufacturing

Funcmater provide custom service if there is no dimensions or purity you want on the list, Don't hesitate to contact us.



Evaporation Materials List

Al

Aluminum-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Aluminum	Al	4N-6N	φ 3mm*3mm/ φ 6mm*6mm
Aluminum Oxide	Al ₂ O ₃	4N	1-3mm φ 20mm*11mm/ φ 10mm*4mm
Aluminum Antimonide	AlSb	4N	3-6mm
Aluminum Chromium	AlCr	3N5	3-15mm
Aluminum Chromium Silicon	AlCrSi	3N	<15mm
Aluminum Copper	AlCu	4N	3-6mm φ 6mm*6mm
Aluminum Fluoride	AlF ₃	4N	1-3mm
Aluminum Nitride	AlN	2N5/3N	1-4mm/3-6mm
Aluminum Selenide	Al ₂ Se ₃	4N	1-6mm
Aluminum Sulfide	Al ₂ S ₃	3N	3-6mm
Aluminum Silicon	AlSi	5N	10*10mm φ 6mm*6mm
Aluminum Telluride	Al ₂ Te ₃	2N5	3-6mm
Aluminium Vanadium	AlV	3N	Dia0.2-2mm

Sb

Antimony-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Antimony	Sb	2N5-6N	3-6mm
Antimony Oxide	Sb ₂ O ₃	3N	3-12mm
Antimony Selenide	Sb ₂ Se ₃	2N-5N	3-6mm/3-12mm
Antimony Sulfide	Sb ₂ S ₃	4N-5N	3-6mm/3-12mm
Antimony Telluride	Sb ₂ Te ₃	2N-5N	3-6mm/3-12mm

*Purity based on metallic impurities - vacuum deposition grade.

As

Arsenic-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Arsenic	As	2N5-6N	3-6mm
Arsenic Oxide	As ₂ O ₅	3N-5N	3-12mm
Arsenic Selenide	As ₂ Se ₃	2N-5N	1-6mm
Arsenic Sulfide	As ₂ S ₃	3N-5N	1-6mm
Arsenic Telluride	As ₂ Te ₃	2N-5N	3-12mm

Ba

Barium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Barium	Ba	2N-3N	3-25mm
Barium Fluoride	BaF ₂	4N	1-4mm
Barium Titanate	BaTiO ₃	3N-4N	3-12mm
Barium Zirconate	BaZrO ₃	4N	1-4mm

Bi

Bismuth-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Bismuth	Bi	4N-6N	1-12mm
Bismuth Antimonide	BiSb	4N	3-6mm
Bismuth Iodide	BiI ₃	3N	2-6mm
Bismuth Oxide	Bi ₂ O ₃	3N-5N	3-12mm
Bismuth Selenide	Bi ₂ Se ₃	2N-5N	1-6mm
Bismuth Sulfide	Bi ₂ S ₃	5N	3-6mm
Bismuth Telluride	Bi ₂ Te ₃	2N-5N	1-6mm

*Purity based on metallic impurities - vacuum deposition grade.

B

Boron-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Boron	B	2N5/3N	1-3mm/1-6mm/1-10mm <20mm
Boron Carbide	B ₄ C	2N5	3-6mm
Boron Nitride	BN	2N5	3-6mm
Boron Oxide	B ₂ O ₃	3N-5N	3-12mm

Cd

Cadmium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Cadmium	Cd	5N	1-3mm/3-12mm
Cadmium Antimonide	Cd ₃ Sb ₂	5N	3-6mm
Cadmium Arsenide	Cd ₃ As ₂	5N	3-6mm
Cadmium Oxide	CdO	4N	1-4mm
Cadmium Phosphoride	Cd ₃ P ₂	5N	1-6mm
Cadmium Selenide	CdSe	4N-5N	3-12mm
Cadmium Tungstate	CdWO ₄	3N5	1-4mm
Cadmium Sulfide	CdS	4N-5N	3-6mm/3-12mm
Cadmium Telluride	CdTe	4N	2-20mm
Cadmium Zinc Telluride	CdZnTe	5N	3-6mm

Ca

Calcium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Calcium Fluoride	CaF ₂	4n	1-3mm
Calcium Oxide	CaO	3N5	3-6mm
Calcium Iodide	CaI ₂	2N	3-6mm
Calcium Silicate	CaSi ₂	2N5	<3mm

*Purity based on metallic impurities - vacuum deposition grade.

Ce

Cerium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Cerium	Ce	3N	3-12mm
Cerium Fluoride	CeF ₃	4N	3-6mm
Cerium Oxide	CeO ₂	4N	1-3mm
Cerium Silicide	CeSi ₂	3N	3-6mm

Cr

Chromium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Chromium	Cr	2N8-4N	1-3mm/3-6mm/3-12mm/ 2-4mm/6-12mm
Chromium Carbide	Cr ₃ C ₂	2N5	3-7mm
Chromium Oxide	Cr ₂ O ₃	2N5	1-3mm/2-4mm
Chromium Silicon Monoxide	Cr-SiO	3N	1-3mm/3-6mm

Co

Cobalt-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Cobalt	Co	3N5	3-6mm/6-12mm <60mm/70mm*8mm thickness
Cobalt Selenide	CoSe	2N5	3-6mm/3-12mm
Cobalt Oxide	Co ₃ O ₄	3N/3N5	1-4mm

*Purity based on metallic impurities - vacuum deposition grade.

Cu

Copper-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Copper	Cu	3N-5N	φ 3mm*3mm/ φ 6mm*6mm
Copper Aluminum Oxide	CuAlO ₂	3N5	1-4mm/3-12mm
Copper Iodide	CuI	4N	1-4mm
Copper Indium Selenide	CuInSe ₂	5N	3-6mm
Copper Indium Sulfide	CuInS ₂	5N	3-6mm
Copper Indium Telluride	CuInTe ₂	5N	3-6mm
Copper Oxide	CuO	99.5/99.9	1-4mm
Copper Selenide	CuSe	5N	3-6mm
Copper Selenide	Cu ₂ Se	2N5	1-6mm
Copper Sulfate	CuSO ₄ -5H ₂ O	3N5	1-3mm
Copper Telluride	Cu ₂ Te	3N5-5N	3-6mm
Copper Titanium	CuTi	3N5	3-12mm
Copper Zirconium	CuZr	3N5	1-4mm

Dy

Dysprosium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Dysprosium	Dy	3N5	3-12 mm
Dysprosium Fluoride	DyF ₃	3N	3-12 mm
Dysprosium Oxide	Dy ₂ O ₃	3N	3-10mm

Er

Erbium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Erbium	Er	3N	10-30mm
Erbium Fluoride	ErF ₃	3N-4N5	1-4 mm / 3-6 mm / 3-12 mm
Erbium Oxide	Er ₂ O ₃	3N-4N	3-12 mm
Erbium Nickel	Er ₃ Ni	3N	0.5-1mm
Erbium Silicide	Er ₃ Si ₅	3N	3-6mm

*Purity based on metallic impurities - vacuum deposition grade.

Eu

Europium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Europium	Eu	4N	3-6mm
Europium Fluoride	EuF ₃	3N	3-6mm
Europium Oxide	Eu ₂ O ₃	3N-4N	3-6mm/3-12mm

Gd

Gadolinium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Gadolinium	Gd	3N/3N5	3-6mm
Gadolinium Oxide	Gd ₂ O ₃	3N-4N5	3-6mm/3-12mm
Gadolinium Fluoride	GdF ₃	3N-4N5	1-4mm/3-6mm
Gadolinium Nitrate	Gd (NO ₃) ₃ *6H ₂ O	4N	1-3mm
Gadolinium Silicate	GdSi ₂	3N	3-6mm

Ga

Gallium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Gallium	Ga	4N-8N	3-6mm φ 10mm*24mm
Gallium Antimonide	GaSb	4N-5N	3-6mm
Gallium Arsenide	GaAs	5N	<8mm
Gallium Oxide	Ga ₂ O ₃	4N-5N	3-6mm/3-12mm
Gallium Selenide	Ga ₂ Se ₃	4N-5N	3-6mm/3-12mm
Gallium Sulfide	Ga ₂ S ₃	5N	1-6mm
Gallium Telluride	GaTe	5N	3-12mm
Gallium Telluride	Ga ₂ Te ₃	5N	3-12mm
Gallium Phosphide	GaP	5N	3-6mm

*Purity based on metallic impurities - vacuum deposition grade.

Ge

Germanium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Germanium	Ge	3N-6N	1-5mm/1-10mm/2-6mm <9mm
Germanium Antimonide	GeSb	5N	3-6mm
Germanium Antimony Telluride(GST)	GeSbTe	4N-5N	3-6mm
Germanium Iodide	GeI ₂	3N5	2-4mm
Germanium Sulfide	GeS	5N	0.5-4mm/3-6mm
Germanium Sulfide	GeS ₂	5N	3-6mm
Germanium Oxide	GeO ₂	5N	3-12mm
Germanium Selenide	GeSe	4N-5N	3-6mm
Germanium Selenide	GeSe ₂	5N	3-6mm
Germanium Telluride	GeTe	6N	3-6mm

Au

Gold-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Gold	Au	4N-5N	1-5mm/3-6mm ϕ 3mm*3mm
Gold Germanium	AuGe	4N-5N	3-6mm
Gold Tin	AuSn	5N	3-6mm
Gold Zinc	AuSn	4N-5N	1-4mm/3-6mm

C

Graphite-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Graphite	C	4N-5N	1-4mm/3-12mm

*Purity based on metallic impurities - vacuum deposition grade.

Hf**Hafnium-Base**

CHEMICAL NAME	FORMULA	PURITY	SIZE
Hafnium	Hf	3N/3N5	φ 3mm*3mm/ φ 6mm*6mm/ φ 2mm*5mm
Hafnium Carbide	HfC	3N	3-12mm
Hafnium Fluoride	HfF ₄	3N/3N5	1-4mm/3-6mm
Hafnium Nitride	HfN	2N5	1-4mm
Hafnium Oxide	HfO ₂	3N-4N	1-4mm/3-6mm/6-12mm φ 18mm*11mm/ φ 18mm*6mm
Hafnium Selenide	HfSe ₂	3N-4N	1-3mm
Hafnium Sulfide	HfS ₂	3N-4N	1-3mm

In**Indium-Base**

CHEMICAL NAME	FORMULA	PURITY	SIZE
Indium	In	5N-7N	1-3mm/1-10mm
Indium Antimonide	InSb	4N-5N	3-6mm
Indium Arsenide	InAs	5N	<8mm
Indium Fluoride	InF ₃	4N/4N5	1-10mm/3-6mm
Indium Gallium Zinc Oxide(IGZO)	InGaZnO	4N	3-6mm
Indium Phosphoride	InP		<6mm
Indium Selenide	InSe/In ₂ Se ₃	4N-5N	3-6mm
Indium Sulfide	In ₂ S ₃	4N	1-10mm
Indium Telluride	In ₂ Te ₃	5N	3-6mm
Indium Tin	InSn	4N	3-6mm
Indium Tin Oxide(ITO)	In ₂ O ₃ -SnO ₂	4N	1-5mm/3-6mm

Ir**Iridium-Base**

CHEMICAL NAME	FORMULA	PURITY	SIZE
Iridium	Ir	3N-4N	1-4mm/3-6mm
Iridium Oxide	Ir ₂ O ₃ / IrO ₂	3N5	1-4mm

Fe

Iron-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Iron	Fe	4N-5N	1-4mm/4-10mm <10mm/<20mm φ 3mm*3mm
Iron Arsenide	FeAs / FeAs ₂ / Fe ₂ As	2N-3N	3-6mm
Iron Boride	FeB	2N	1-12mm
Iron Nickel Boron	FeNiB	3N5	3-6mm
Iron Oxide	Fe ₂ O ₃ /Fe ₃ O ₄	3N	1-5mm <20mm
Iron Sulfide	FeS ₂	3N	3-6mm

La

Lanthanum-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Lanthanum	La	3N	1-4mm/3-12mm
Lanthanum Aluminum Oxide	LaAlO ₃	3N	1-4mm/3-6mm
Lanthanum Boride	LaB ₆	2N5	3-6mm/6-12mm
Lanthanum Fluoride	LaF ₃	4N	1-3mm
Lanthanum Nickel	LaNi ₅	2N	1-6mm
Lanthanum Oxide	La ₂ O ₃	3N	3-12mm
Lanthanum Titanate	LaTiO ₃	3N	1-4mm

Pb

Lead-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Lead	Pb	3N-6N	1-3mm
Lead Chloride	PbCl ₂	5N	1-2mm
Lead Fluoride	PbF ₂	3N-4N	1-3mm/3-6mm
Lead Selenide	PbSe	4N	0.5-1mm
Lead Telluride	PbTe	4N5	3-12mm

Li

Lithium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Lithium	Li	3N	<20mm
Lithium Fluoride	LiF	3N-4N5	2-5mm/3-6mm
Lithium Hydride	LiH	3N	2-7mm
Lithium Niobate	LiNbO ₃	4N	3-12mm
Lithium Silicide	LiSi ₂	3N	3-6mm

Mg

Magnesium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Magnesium	Mg	4N	φ 6mm*6mm / φ 20mm*20mm
Magnesium Arsenide	Mg ₃ As ₂	2N5	3-6mm
Magnesium Aluminum Oxide	MgAl ₂ O ₄	3N-4N	3-12mm
Magnesium Fluoride	MgF ₂	3N-4N	1-5mm/2-4mm
Magnesium Cerium Fluoride	MgF ₂ -CeF ₃	4N	1-4mm
Magnesium Neodymium Fluoride	MgF ₂ -NdF ₃	4N	3-6mm
Magnesium Oxide	MgO	4N	2-6mm
Magnesium Silicide	Mg ₂ Si	2N5-4N	3-12mm

Mn

Manganese-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Manganese	Mn	2N8-4N	3-6mm/3-12mm
Manganese Aluminide	MnAl ₃	2N5	3-6mm
Manganese Antimonide	MnSb/Mn ₂ Sb	2N5	3-6mm
Manganese Telluride	MnTe ₂	2N-4N	3-6mm

*Purity based on metallic impurities - vacuum deposition grade.

Mo

Molybdenum-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Molybdenum	Mo	3N5/4N	φ 3mm*3mm/ φ 6mm*6mm
Molybdenum Oxide	MoO ₃	3N8	3-6mm
Molybdenum Silicide	MoSi ₂	2N5	3-6mm
Molybdenum Sulfide	MoS ₂	3N	3-6mm
Molybdenum Telluride	MoTe ₂	3N	3-12mm

Nd

Neodymium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Neodymium	Nd	3N-4N	3-12mm
Neodymium Fluoride	NdF ₃	3N-4N	3-6 mm / 3-12 mm
Neodymium Oxide	Nd ₂ O ₃	3N-4N	3-12mm

Ni

Nickel-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Nickel	Ni	3N-5N	φ 3mm*3mm/ φ 6mm*6mm 1-15mm/3-12mm
Nickel Antimonide	NiSb / Ni ₃ Sb	2N5	3-6mm
Nickel Chromium	NiCr	2N8-4N	1-3mm/1-10mm
Nickel Chromium Iron	NiCrFe	2N	φ 6mm*12mm
Nickel Iron	NiFe	3N5	φ 6.25mm*6.25mm
Nickel Oxide	NiO	3N-4N5	3-6mm/3-12mm
Nickel Selenide	NiSe	3N-3N5	3-6mm
Nickel Telluride	NiTe	3N	3-6mm
Nickel Vanadium	NiV	4N	1-4mm/3-6mm
Nickel Yttrium	NiY	3N	<6mm
Nickel Zirconium	NiZr	2N5	1-4mm/3-6mm

*Purity based on metallic impurities - vacuum deposition grade.

Nb**Niobium-Base**

CHEMICAL NAME	FORMULA	PURITY	SIZE
Niobium	Nb	3N5	φ 3mm*3mm/ φ 6mm*6mm
Niobium Aluminium Carbide	Nb ₄ AlC ₃	2N5	3-7mm
Niobium Carbide	NbC	2N5	3-12mm
Niobium Nitride	NbN	2N5	3-12mm
Niobium Oxide	Nb ₂ O ₅	4N	1-3mm

Pd**Palladium-Base**

CHEMICAL NAME	FORMULA	PURITY	SIZE
Palladium	Pd	4N	φ 3mm*3mm

Pt**Platinum-Base**

CHEMICAL NAME	FORMULA	PURITY	SIZE
Platinum	Pt	4N	φ 3mm*3mm

Re**Rhenium-Base**

CHEMICAL NAME	FORMULA	PURITY	SIZE
Rhenium	Re	4N	1-10mm

Ru**Ruthenium-Base**

CHEMICAL NAME	FORMULA	PURITY	SIZE
Ruthenium	Ru	3N5	5-10mm
Ruthenium Oxide	RuO ₂	3N5/4N	1-4mm/3-6mm
Ruthenium Chloride	RuCl ₃	3N5	1-4mm/3-6mm

Sc

Scandium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Scandium	Sc	3N-5N	1-4mm/3-6mm
Scandium Fluoride	ScF ₃	3N	3-12mm
Scandium Oxide	Sc ₂ O ₃	4N/5N	3-6mm

Se

Selenium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Selenium	Se	4N-6N	2-5mm/3-6mm

Si

Silicon-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Silicon	Si	4N-6N	1-4mm/3-12mm/10-30mm <10mm
Silicon Aluminum	SiAl	5N	φ 10mm*10mm
Silicon Carbide	SiC	2N5-4N	2-7mm
Silicon Dioxide	SiO ₂	3N-4N	1-3mm/3-12mm
Silicon Sulfide	SiS ₂	2N	<25 mm
Silicon Monoxide	SiO	2N5-3N	1-6mm/2-8mm
Silicon Nitride	Si ₃ N ₄	2N5-3N	1-4 mm/3-6mm

*Purity based on metallic impurities - vacuum deposition grade.

Ag

Silver-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Silver	Ag	4N-5N	φ 3mm*3mm/ φ 6mm*6mm
Silver Fluoride	AgF	4N	3-6mm
Silver Gallium Selenide	AgGaSe ₂	5N	3-6mm
Silver Gallium Telluride	AgGaTe ₂	5N	3-6mm
Silver Indium Sulfide	AgInS ₂	5N	3-6mm
Silver Indium Telluride	AgInTe ₂	5N	3-6mm
Silver Selenide	Ag ₂ Se	4N	1-4mm
Silver Sulfide	Ag ₂ S	5N	3-6mm

Sr

Strontium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Strontium	Sr	2N5-3N5	1-6mm/3-8mm
Strontium Fluoride	SrF ₂	3N	3-6mm/3-12mm
Strontium Oxide	SrO	3N	1-4mm
Strontium Titanate	SrTiO ₃	3N5	3-6mm

S

Sulfur-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Sulfur	S	5N-6N	3-6mm

Ta

Tantalum-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Tantalum	Ta	3N5	φ 3mm*3mm
Tantalum Carbide	TaC	2N5	3-12 mm
Tantalum Nitride	TaN	3N5	φ 3mm*6mm
Tantalum Oxide	Ta ₂ O ₅	4N	1-4mm/ φ 8mm*5mm

Te

Tellurium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Tellurium	Te	4N-6N	1-6mm/3-12mm

Tb

Terbium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Terbium	Tb	3N/3N5	1-4mm/3-12mm
Terbium Oxide	Tb ₄ O ₇	3N	3-6mm

Tm

Thulium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Thulium	Tm	3N/3N5	3-6mm/3-12mm
Thulium Oxide	Tm ₂ O ₃	3N	3-6mm/3-12mm

Sn

Tin-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Tin	Sn	5N-6N	1-4mm
Tin Antimonide	SnSb	5N	3-6mm
Tin Oxide Antimony Oxide	SnO ₂ -Sb ₂ O ₃	3N	3-6mm
Tin Chloride	SnCl ₄ .5H ₂ O	2N	<30mm
Tin Oxide	SnO ₂	4N/4N5	3-12mm
Tin Selenide	SnSe	5N	3-12mm
Tin Silver	SnAg	4N	3-6mm
Tin Sulfide	SnS/SnS ₂	4N	3-12mm
Tin Telluride	SnTe	2N5-5N	1-6mm/3-12mm

Ti

Titanium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Titanium	Ti	4N-5N	φ 3mm*3mm/ φ 6mm*6mm
Titanium Aluminum Carbide	Ti ₃ AlC ₂	2N5	3-7mm
Titanium Carbide	TiC	2N5	1-5mm
Titanium Monoxide	TiO	4N	1-4mm/3-6mm
Titanium Oxide	TiO ₂	3N	1-3mm
Titanium Oxide	Ti ₃ O ₅	3N5/4N	1-3mm
Titanium Oxide	Ti ₅ O ₇	4N	1-4mm
Titanium Silicide Carbide	Ti ₃ SiC ₂	2N5	3-7mm

W

Tungsten-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Tungsten	W	3N5	φ 6mm*6mm
Tungsten Carbide	WC	2N5	3-12mm
Tungsten Oxide	WO ₃	3N5	1-4mm

V

Vanadium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Vanadium	V	3N5	φ 3mm*3mm
Vanadium Carbide	VC	2N5	3-12mm
Vanadium Dioxide	V ₂ O ₅	2N5-3N5	3-6mm
Vanadium Nitride	VN	2N5	3-12mm

Yb

Ytterbium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Ytterbium	Yb	3N5	φ 20mm*20mm
Ytterbium Fluoride	YbF ₃	3N-4N5	3-12mm
Ytterbium Oxide	Yb ₂ O ₃	3N-4N5	3-12mm

Y

Yttrium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Yttrium	Y	4N	3-12mm
Yttrium Aluminum Oxide (YAG)	Y ₃ Al ₅ O ₁₂	4N	3-12mm
Yttrium Dytitanate	Y ₂ Ti ₂ O ₇	3n	φ 10mm*10mm
Yttrium Fluoride	YF ₃	3N-4N5	3-6mm/3-12mm
Yttrium Oxide	Y ₂ O ₃	4N	φ 10mm*10mm
Yttria-stabilized Zirconia(YSZ)	Y ₂ O ₃ -ZrO ₂	3N5	1-4mm

Zn

Zinc-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Zinc	Zn	4N-5N	1-4mm
Zinc Oxide	ZnO	3N	1-4mm
Zinc Phosphoride	Zn ₃ P ₂	3N-5N	1-3mm/3-6mm
Zinc Selenide	ZnSe	4N	2-8mm/3-6mm
Zinc Sulfide	ZnS	4N	1-4mm
Zinc Telluride	ZnTe	4N-5N	3-12mm

Zr

Zirconium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Zirconium	Zr	3N-4N5	1-3mm/3-6mm
Zirconium Fluoride	ZrF ₄	3N5	1-4mm
Zirconium Oxide	ZrO ₂	3N	2-4mm/3-6mm φ 18*10mm/ φ 10mm*10mm
Zirconium Oxide Magnesium Oxide	ZrO ₂ -MgO	2N7	3-12mm
Zirconium Oxide Titanium Oxide	ZrO ₂ -TiO ₂	3N	1-4mm φ 10mm*10mm