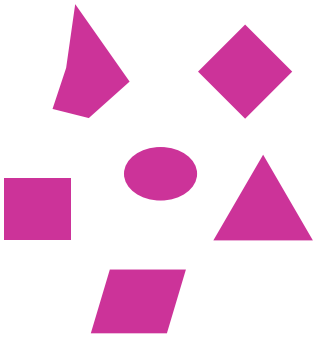
V

EVAPORATION MATERIALS

- Vacuum Deposition Grade Materials ..... V 02
- Evaporation Materials List..... V 03



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	Φ3mm*3mm/ Φ6mm*6mm
Aluminum Oxide	Al_2O_3	4N	1-3mm Φ20mm*11mm/ Φ10mm*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 Φ6mm*6mm
Aluminum Fluoride	AlF_3	4N	1-3mm
Aluminum Nitride	AlN	2N5/3N	1-4mm/3-6mm
Aluminum Selenide	Al_2Se_3	4N	1-6mm
Aluminum Sulfide	Al_2S_3	3N	3-6mm
Aluminum Silicon	AlSi	5N	10*10mm Φ6mm*6mm
Aluminum Telluride	Al_2Te_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_2O_3	3N	3-12mm
Antimony Selenide	Sb_2Se_3	2N-5N	3-6mm/3-12mm
Antimony Sulfide	Sb_2S_3	4N-5N	3-6mm/3-12mm
Antimony Telluride	Sb_2Te_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_2O_5	3N-5N	3-12mm
Arsenic Selenide	As_2Se_3	2N-5N	1-6mm
Arsenic Sulfide	As_2S_3	3N-5N	1-6mm
Arsenic Telluride	As_2Te_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_2O_3	3N-5N	3-12mm
Bismuth Selenide	Bi_2Se_3	2N-5N	1-6mm
Bismuth Sulfide	Bi_2S_3	5N	3-6mm
Bismuth Telluride	Bi_2Te_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_4C	2N5	3-6mm
Boron Nitride	BN	2N5	3-6mm
Boron Oxide	B_2O_3	3N-5N	3-12mm

Cd Cadmium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Cadmium	Cd	5N	1-3mm/3-12mm
Cadmium Antimonide	Cd_3Sb_2	5N	3-6mm
Cadmium Arsenide	Cd_3As_2	5N	3-6mm
Cadmium Oxide	CdO	4N	1-4mm
Cadmium Phosphoride	Cd_3P_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_3C_2	2N5	3-7mm
Chromium Oxide	Cr_2O_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_3O_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_2Se	2N5	1-6mm
Copper Sulfate	$CuSO_4$-$5H_2O$	3N5	1-3mm
Copper Telluride	Cu_2Te	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_2O_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_2O_3	3N-4N	3-12 mm
Erbium Nickel	Er_3Ni	3N	0.5-1mm
Erbium Silicide	Er_3Si_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_2O_3	3N-4N	3-6mm/3-12mm

Gd

Gadolinium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Gadolinium	Gd	3N/3N5	3-6mm
Gadolinium Oxide	Gd_2O_3	3N-4N5	3-6mm/3-12mm
Gadolinium Fluoride	GdF_3	3N-4N5	1-4mm/3-6mm
Gadolinium Nitrate	$Gd(NO_3)_3*6H_2O$	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_2O_3	4N-5N	3-6mm/3-12mm
Gallium Selenide	Ga_2Se_3	4N-5N	3-6mm/3-12mm
Gallium Sulfide	Ga_2S_3	5N	1-6mm
Gallium Telluride	GaTe	5N	3-12mm
Gallium Telluride	Ga_2Te_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	$InSe/In_2Se_3$	4N-5N	3-6mm
Indium Sulfide	In_2S_3	4N	1-10mm
Indium Telluride	In_2Te_3	5N	3-6mm
Indium Tin	InSn	4N	3-6mm
Indium Tin Oxide(ITO)	In_2O_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_2O_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_2As	2N-3N	3-6mm
Iron Boride	FeB	2N	1-12mm
Iron Nickel Boron	FeNiB	3N5	3-6mm
Iron Oxide	Fe_2O_3/Fe_3O_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_2O_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_3As_2	2N5	3-6mm
Magnesium Aluminum Oxide	$MgAl_2O_4$	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_2Si	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_2Sb	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_2O_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_3Sb	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_4AlC_3	2N5	3-7mm
Niobium Carbide	NbC	2N5	3-12mm
Niobium Nitride	NbN	2N5	3-12mm
Niobium Oxide	Nb_2O_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_2O_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_3N_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_2Se	4N	1-4mm
Silver Sulfide	Ag_2S	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_2O_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_4O_7	3N	3-6mm

Tm

Thulium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Thulium	Tm	3N/3N5	3-6mm/3-12mm
Thulium Oxide	Tm_2O_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_2O_3	3N	3-6mm
Tin Chloride	$SnCl_4.5H_2O$	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_3AlC_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_3O_5	3N5/4N	1-3mm
Titanium Oxide	Ti_5O_7	4N	1-4mm
Titanium Silicide Carbide	Ti_3SiC_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_2O_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_2O_3	3N-4N5	3-12mm

Y

Yttrium-Base

CHEMICAL NAME	FORMULA	PURITY	SIZE
Yttrium	Y	4N	3-12mm
Yttrium Aluminum Oxide (YAG)	$Y_3Al_5O_{12}$	4N	3-12mm
Yttrium Dititanate	$Y_2Ti_2O_7$	3n	Φ 10mm*10mm
Yttrium Fluoride	YF_3	3N-4N5	3-6mm/3-12mm
Yttrium Oxide	Y_2O_3	4N	Φ 10mm*10mm
Yttria-stabilized Zirconia(YSZ)	Y_2O_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_3P_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