

Evaporation materials available at OPT lab

Material number	Type (Name)	Materials (chemical composition & percentage)	Purity %	Material shape [mm]	Weight [gram]	Optical application	Machine	fournisseur	Price [CHF/per 100 gram]	Owner	Article number - description - remarques
1	Gold	Au	99.99	2-3mm granule	25g	VIS-IR	Edwards Auto 306	Umicore	5560	EPFL-OPT	P0481092
2	Chrome	Cr	99.95	0.7-1.5mm	500g	VIS	Edwards Auto 306	Umicore	504	EPFL-OPT	0711744-00500G
3	Aluminum oxyde	Al2O3	99.6	0.7-1.5mm	100g	VIS-IR	Edwards Auto 306	Umicore	32	EPFL-OPT	0481233
4	Nickel	Ni	99.97	∅1mm wire	100g	VIS	Edwards Auto 306	Umicore		EPFL-OPT	0481143
5	Silver	Ag	99.99	0.7-1.5mm grain	100g	VIS	Edwards Auto 306	Balzers Materials		EPFL-OPT	BD481178-T
6	Germanium	Ge	99.999	0.7-3.5mm grain	100g	IR	Edwards Auto 306	Balzers Materials		EPFL-OPT	DB481083-T
7	Titanium	Ti	99.9	0.2-1.5mm grain	100g		Edwards Auto 306	Balzers Materials		EPFL-OPT	BD481193-T
8	Barium fluoride	BaF2	99.999%	1mm grain	100g	IR	Edwards Auto 306	Sigma Aldrich		EPFL-OPT	652458-100G
9	Sodium Chloride	NaCl	≥99%	powder	100g	IR	Julius	Sigma Aldrich		EPFL-OPT	244155-100G
10	Magnesium fluoride	MgF2	99.99%	1mm grain	25g	IR	Julius	Sigma Aldrich		EPFL-OPT	378836-25G
11	Calcium fluoride	CaF2	99.99%	powder	25g	IR	Julius	Sigma Aldrich		EPFL-OPT	449717-25G
12	Lanthanum fluoride	LaF3	99.99%	powder	25g	IR	Julius	Sigma Aldrich		EPFL-OPT	449857-25G
13	Cadmium selenide	CdSe	99.99%	powder	10g	IR	Julius	Sigma Aldrich		EPFL-OPT	244600-10G
14	Yttrium fluoride	YF3		<1mm grain	100g	IR	Julius	Merk		EPFL-OPT	1.08707.0100
15	Zinc selenide	ZnSe	99.999%	0.7-3.5mm grain		IR	Julius	Balzers Materials		EPFL-OPT	BD481438-T
16	Zinc sulfide	ZnS	99.99%	1-5mm grain	100g	IR	Julius	Umicore		EPFL-OPT	0481413
17	Silicon dioxyde	SiO2	99.9%	1.6-5mm grain	500g	VIS-IR	Edwards Auto 306	Balzers Materials		EPFL-OPT	BD481689-T