

CASTING ALLOYS

White Metal Alloys for Jewellery & Pewter Making



FOR ALL OF YOUR CENTRIFUGICAL SPIN CASTING ALLOYS, GRAVITY POUR ALLOYS & PEWTER ALLOYS.

AT ALCHEMY WE PRODUCE HUNDREDS OF DIFFERENT CASTING ALLOYS. OUR ALLOYS ARE USED IN MANY DIFFERENT APPLICATIONS, SUCH AS: COSTUME JEWELLERY, MEDALLIONS, TROPHIES, BELT BUCKLES, SILVERWARE, PEWTERWARE, FIGURINES, TOY SOLDIERS, TO NAME A FEW.

Alchemy Part No	Sn Tin	Pb Lead	Sb Antimony	Cd Cadmium	Cu Copper	Melt RangeEF	Casting RangeEF
#10 (Linotype)	4.00	85.00	11.00			461 - 469	570 - 600
	TYPICAL USE: Buckles, low cost, high strength alloy.						
#11	11.00	87.00	2.00			440 - 515	590 - 680
	TYPICAL USE: Buckles, High quality, will bend before breaking.						
#25S	25.00	74.00	1.00			361 - 520	575 - 675
	TYPICAL USE: Figurines, Very Bendable						
#36	36.00	61.00	3.00			361 - 460	510 - 600
	TYPICAL USE: General purpose jewellery manufacturers alloy.						
#36BH	36.00	60.00	3.00	1.00		378 - 470	525 - 625
	TYPICAL USE: A lustrous version of #36. Tighter grain structure, good polishing qualities.						

Alchemy Part No	Sn Tin	Pb Lead	Sb Antimony	Cd Cadmium	Cu Copper	Melt RangeEF	Casting RangeEF
#70	70.00	25.00	5.00			361 - 465	525 - 600
	<i>TYPICAL USE:</i> Costume jewellery, Very fluid. Good for fine detail. Plates well.						
#70BH	70.00	24.00	5.00		1.00	375 - 450	535 - 610
	<i>TYPICAL USE:</i> An improved version of #70 with more luster after polishing.						
#88	88.00	6.00	6.00			402 - 450	510 - 580
	<i>TYPICAL USE:</i> Low cost substitute for #92 & J44. Meets industry standards.						
BM 91	91.25		7.75		1.00	458 - 464	520 - 610
	<i>TYPICAL USE:</i> Lead-Free Britannia Metal						
J 44	92.00	4.00	4.00			458 - 464	520 - 600
	<i>TYPICAL USE:</i> Non culinary purposes. Heavy objects where pewter quality needed. Lead added to avoid pin-holing.						
#9A	92.00	4.00	3.50	0.50		458 - 464	520 - 600
	<i>TYPICAL USE:</i> Like J44 with little cadmium for luster and polishing.						
BM 92	92.00		8.00			464 - 471	525 - 600
	<i>TYPICAL USE:</i> Lead-Free Britannia Metal						
BR 5	92.00		7.75		0.25	462 - 472	525 - 600
	<i>TYPICAL USE:</i> International standard lead free pewter.						
J	93.50	3.50	1.50	1.50		458 - 464	520 - 600
	<i>TYPICAL USE:</i> Non culinary purposes. Heavy objects where pewter quality needed. Lead added to avoid pin-holing, Cadmium for High luster & polishing.						
BM 94	94.00		5.00		1.00	456 - 461	520 - 610
	<i>TYPICAL USE:</i> Lead-Free Britannia Metal						