

Tie Particles With 4+ Elements (50 Most Common)										
Overall Rank	1st	2nd	3rd	4th	1st Avg Wt	2nd Avg Wt	3rd Avg Wt	4th Avg Wt	5th+ Avg Wt	Number
1	Si	Al	Ca	Na	53%	24%	13%	5%	5%	2,228
2	Si	Al	K	Fe	48%	23%	15%	7%	7%	2,059
3	Si	Al	Fe	K	50%	22%	13%	7%	9%	1,667
6	Si	Fe	Al	K	42%	24%	16%	8%	11%	1,204
7	Mg	Si	Al	Fe	37%	32%	21%	6%	3%	1,187
8	Si	Al	Na	Ca	63%	22%	8%	4%	3%	930
9	Ca	Ni	Si	Mg	93%	4%	2%	1%	0%	797
10	Ca	Ni	Si	S	92%	4%	2%	1%	1%	794
11	Si	K	Al	Ni	52%	26%	16%	4%	3%	753
12	Ca	Al	Ni	Si	86%	8%	4%	2%	1%	750
13	Si	Mg	Al	Fe	44%	30%	14%	6%	6%	741
16	Si	Al	Ca	Fe	48%	21%	14%	7%	11%	695
17	Ca	Ni	Al	Si	90%	5%	3%	1%	1%	658
18	Si	Al	Fe	Ca	51%	19%	11%	7%	12%	657
19	Fe	Si	Al	Mg	45%	24%	16%	9%	7%	598
20	Si	Al	K	Na	61%	18%	11%	4%	5%	594
22	Si	K	Al	Fe	52%	22%	16%	6%	6%	548
24	Fe	Si	Al	K	44%	26%	13%	7%	9%	512
25	Ca	S	Ni	Si	60%	33%	4%	2%	2%	501
27	Si	Al	K	Ca	55%	20%	10%	6%	9%	498
28	Si	Fe	Al	Ca	46%	19%	13%	8%	14%	497
29	Si	Al	Na	Ni	64%	20%	9%	4%	3%	489
30	Ca	Ni	Si	Al	90%	5%	2%	2%	1%	484
31	Si	Fe	Ca	Mg	38%	27%	19%	8%	8%	438
32	Ca	Al	Si	Mg	87%	9%	2%	1%	1%	420
33	Si	Al	Ca	K	54%	22%	10%	5%	8%	409
34	Si	Fe	Ca	Al	39%	22%	15%	10%	15%	405
36	Si	Al	Fe	Ni	57%	22%	10%	4%	7%	388
37	Ca	Ni	Si	P	92%	5%	2%	1%	1%	384
38	Si	Al	Ni	Ca	59%	31%	5%	3%	2%	374
40	Si	Al	Ca	Ni	48%	26%	13%	5%	8%	372
42	Si	Ca	Al	Fe	44%	20%	14%	8%	13%	369
43	Ca	Mg	Ni	Si	75%	19%	4%	2%	1%	356
44	Si	Al	K	Ni	55%	21%	13%	5%	7%	350
45	Ca	Al	Si	S	85%	8%	3%	2%	2%	341
46	Si	K	Al	Ca	50%	24%	15%	5%	6%	340
47	Si	K	Al	Na	56%	24%	17%	2%	2%	333
48	Ca	Si	Al	Fe	47%	23%	14%	9%	7%	321
49	Si	Fe	Al	Mg	44%	23%	14%	8%	11%	309
50	Si	Ca	Fe	Mg	38%	26%	19%	9%	7%	308
51	Si	Al	Na	Fe	63%	21%	8%	4%	5%	307
54	Si	Ca	Fe	Al	41%	20%	14%	10%	16%	296
56	Si	Al	Ca	S	51%	22%	10%	6%	12%	259
57	Si	Mg	Al	Ca	46%	27%	12%	6%	9%	251
58	Ca	Si	Fe	Al	47%	21%	14%	10%	7%	250
59	Si	Al	Ni	Fe	73%	15%	4%	3%	4%	250
60	Ca	Si	Al	S	73%	11%	6%	4%	6%	247
61	Si	Mg	Fe	Al	56%	29%	7%	5%	4%	247
63	Si	Mg	Al	Ni	50%	28%	11%	5%	6%	241
64	Al	Zr	Si	Cl	57%	27%	9%	5%	2%	236