

Tie Particles With 3 Elements (50 Most Common)							
Overall Rank	1st	2nd	3rd	1st Avg Wt	2nd Avg Wt	3rd Avg Wt	Number
4	Ca	Ni	Si	94%	4%	2%	1,318
14	Si	Mg	Al	62%	32%	6%	736
21	Ca	Si	Mg	97%	2%	1%	574
23	Ca	Al	Si	93%	5%	2%	523
35	Ca	Si	S	96%	2%	1%	396
69	Ca	Mg	Si	84%	15%	2%	231
74	Ca	S	Si	69%	29%	1%	221
75	Si	Al	Ni	65%	31%	4%	217
77	Ca	Si	Al	92%	6%	2%	213
78	Si	Ni	Al	95%	3%	1%	213
81	Si	Al	Ca	69%	29%	2%	207
96	Ca	Ni	Mg	96%	4%	1%	183
98	Si	K	Al	54%	29%	17%	181
111	Ca	Ni	Al	93%	5%	2%	164
114	Ca	S	Ni	54%	41%	4%	160
123	Ca	Si	Na	97%	2%	1%	152
126	Ca	Pd	Si	91%	7%	2%	150
127	Si	Mg	Ni	63%	32%	5%	150
129	Si	Pd	Al	89%	7%	3%	149
130	Ca	Si	P	97%	2%	1%	147
133	Si	Al	Na	74%	18%	8%	146
135	Zn	Ni	Si	94%	6%	1%	146
136	Ca	Al	Mg	94%	5%	1%	145
141	Si	Ni	Ca	95%	4%	1%	140
151	Ti	Al	Si	94%	5%	1%	130
157	Zn	Ni	Na	94%	5%	2%	127
159	Ca	Pd	Al	89%	8%	3%	125
166	Ca	S	Al	60%	36%	4%	120
189	Si	Mg	Cl	65%	32%	2%	108
209	Si	Al	K	69%	26%	5%	95
210	Si	Mg	Ca	69%	29%	2%	95
211	Si	Al	Fe	84%	13%	3%	94
216	Si	Al	Pd	60%	33%	7%	92
228	Ca	Al	Ni	90%	7%	4%	86
233	Bi	Cl	Al	89%	9%	2%	84
234	Ca	Si	Ni	91%	6%	3%	84
241	Zn	Ni	Ti	93%	5%	2%	81
253	Al	Si	Pd	48%	44%	8%	77
255	Si	Mg	Fe	64%	32%	4%	77
258	Ca	S	Na	65%	34%	1%	75
292	Ti	Ni	Al	92%	5%	3%	66
294	Fe	Ni	Si	96%	3%	1%	65
299	Bi	Cl	Ni	87%	9%	4%	64
300	Ca	P	Si	80%	19%	1%	64
305	Ca	Mg	Al	77%	19%	3%	63
308	Cl	Na	Al	73%	25%	2%	63
310	Fe	Al	Si	95%	4%	1%	63
321	Si	Ca	Al	91%	6%	3%	61
322	Si	Mg	Pd	61%	32%	8%	61
323	Al	Mg	Ni	94%	4%	2%	60