

Zintl-Phases:

Electropositive elements (A1 blue) react with electronegative elements (B2 red) and generate phases with stringent stoichiometric induced structures.

H																		He
Li	Be												B	C	N	O	F	Ne
Na	Mg												Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	

Calcium (Ca) – Silicon (Si) binary Phase-diagram containing Zintl-Phases (Ca_2Si – CaSi – CaSi_2):

