

Full information can be found here

<http://www.rsc.org/suppdata/d0/ta/d0ta05197g/d0ta05197g1.pdf>

Feature name	Description
MagpieData mean MeltingT	Mean melting temperature among elements in composition
MagpieData maximum MendeleevNumber	Maximum Mendeleev number among elements in composition
MagpieData mean NUnfilled	Mean number of unfilled valence orbitals among elements
MagpieData minimum NValence	Minimum number of valence electrons among elements
MagpieData avg_dev NUnfilled	Average deviation of unfilled valence orbitals among elements
MagpieData mean Electronegativity	Mean electronegativity among elements in composition
MagpieData maximum GSvolume_pa	Maximum DFT-computed volume of elemental solid among elements in composition
MagpieData mode MeltingT	Mode melting temperature among elements in composition
MagpieData minimum MendeleevNumber	Minimum Mendeleev number among elements in composition
MagpieData mode NUnfilled	Mode number of unfilled valence orbitals among elements
MagpieData maximum MeltingT	Maximum melting temperature among elements in composition
MagpieData mean CovalentRadius	Mean covalent radius among elements in composition
MagpieData avg_dev MeltingT	Average deviation of melting temperature among elements in composition
MagpieData mode MendeleevNumber	Mode Mendeleev number among elements in composition
MagpieData mean NpValence	Mean number of filled valence p orbitals among elements in composition
MagpieData mean GSbandgap	Mean DFT bandgap of elemental solid among elements in composition
MagpieData mean Row	Maximum periodic table row among elements in composition
MagpieData minimum Electronegativity	Minimum electronegativity among elements in composition
MagpieData mean GSvolume_pa	Mean DFT-computed volume of elemental solid among elements in composition
MagpieData minimum Column	Minimum periodic table column among elements in composition
MagpieData avg_dev MendeleevNumber	Average deviation of Mendeleev number among elements in composition
packing fraction	Packing fraction derived from crystal structure
spacegroup_num	Spacegroup number of the crystal structure
vpa	Voiume per atom of the crystal structure
sine coulomb matrix eig 0	Eigenvalue 0 derived from the Sine Coulomb Matrix from crystal structure
density	Density derived from crystal structure

Feature name	Description
MagpieData mode Electronegativity	Mode electronegativity among elements in composition
MagpieData mean CovalentRadius	Mean covalent radius among elements in composition
MagpieData mean NsUnfilled	Mean number of unfilled <i>s</i> valence orbitals among elements
MagpieData mean AtomicWeight	Mean atomic weight among elements
MagpieData avg_dev GSvolume_pa	Average deviation of DFT-computed volume of elemental solids per composition
MagpieData mean GSvolume_pa	Mean DFT-computed volume of elemental solid among elements in composition
MagpieData maximum MeltingT	Maximum melting temperature among elements in composition
MagpieData mean MeltingT	Mean melting temperature among elements in composition
MagpieData minimum NUnfilled	Minimum number of unfilled valence orbitals among elements in composition
MagpieData avg_dev MendeleevNumber	Average deviation of Mendeleev numbers among elements in composition
MagpieData mode MeltingT	Mode melting temperature among elements in composition
MagpieData mean MendeleevNumber	Mean Mendeleev numbers among elements in composition
MagpieData mode MendeleevNumber	Mode Mendeleev numbers among elements in composition
MagpieData maximum MendeleevNumber	Maximum Mendeleev numbers among elements in composition
MagpieData mean NUnfilled	Mean number of unfilled valence orbitals among elements in composition
MagpieData mean NpValence	Mean number of filled valence <i>p</i> orbitals among elements in composition
MagpieData avg_dev MeltingT	Average deviation of melting temperature among elements in composition
MagpieData mean NsValence	Mean number of filled <i>s</i> orbitals among elements in composition
MagpieData avg_dev NUnfilled	Average deviation of number of unfilled valence orbitals among elements
MagpieData mean Electronegativity	Mean electronegativity among elements in composition
MagpieData minimum MendeleevNumber	Minimum Mendeleev numbers among elements in composition
MagpieData avg_dev NpUnfilled	Average deviation of number of unfilled <i>p</i> orbitals among elements in composition
MagpieData avg_dev CovalentRadius	Average deviation of covalent radii among elements in composition
vpa	Volume per atom of the crystal structure
sine coulomb matrix eig 0	Eigenvalue 0 derived from the Sine Coulomb Matrix from crystal structure
sine coulomb matrix eig 2	Eigenvalue 2 derived from the Sine Coulomb Matrix from crystal structure
sine coulomb matrix eig 3	Eigenvalue 3 derived from the Sine Coulomb Matrix from crystal structure
density	Density derived from crystal structure
packing fraction	Packing fraction of crystal structure
spacegroup_num	Spacegroup number derived from crystal structure