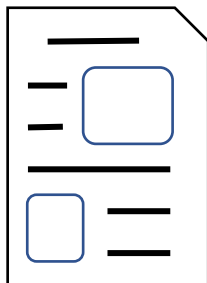


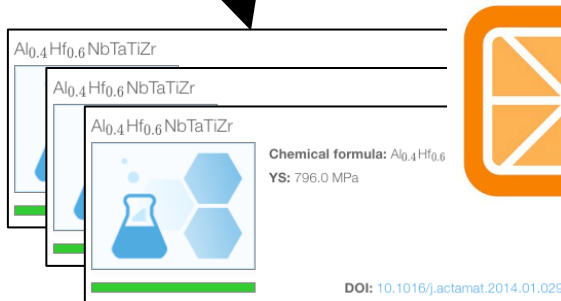
Relevant articles published since 2004. (200+)



New MPEA publication

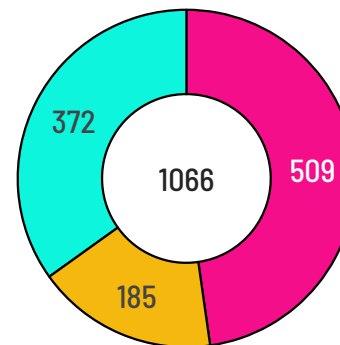
Structured data template

FORMULA									
FORMULA	PROPERTY: Yield strength (MPa)	PROPERTY: ESH (ksi/atom)	PROPERTY: Elongation (ksi/atom)	Predicted: Yield strength	Predicted: Elongation	Predicted: Yield strength	Predicted: Elongation	Is_training_set	SPUT
TC0.50Si0.50	0.83	-46	-0.593	233.127	63.326	NO			
Zr0.50Ni0.50	0.88	-26	-0.763	202.124	64.487	NO			
Zr0.50Ti0.50	0.66	-25	-0.559	188.540	66.402	NO			
Hf0.50Zr0.50	0.63	-40	-0.802	190.433	64.746	NO			
TC0.25Ni0.75	0.52	-30	-0.448	176.325	61.866	NO			
LA0.50Ni0.50	0.47	-40	-0.549	173.78	53.209	NO			
Si0.50Ti0.50	0.68	-26	-0.539	171.3	75.363	NO			
Si0.50Zr0.50	0.66	-25	-0.561	166.484	58.023	NO			
Zr0.50Ti0.50	0	-50	-0.481	169.239	49.81	NO			
Ni0.50Zr0.50	0.83	-25	-0.388	155.147	57.019	NO			
PM0.50Zr0.50	0.58	-40	-0.544	156.15	42.519	NO			
La0.50Ni0.50	0.51	-50	-0.52	161.023	62.066	NO			
La0.50Zr0.50	0.84	-5	-0.497	144.823	65.262	NO			
Zr0.50Ti0.50	0.65	-75	-0.620	148.882	48.973	NO			
Zr0.50Zr0.50	0.64	-30	-0.48	142.876	54.699	NO			
Si0.50Zr0.50	0.44	-40	-0.575	144.655	67.189	NO			
Hf0.50Zr0.50	0.46	-40	-0.57	135.389	51.884	NO			
Hf0.50Zr0.50	0.58	-25	-0.65	154.239	54.073	NO			
Y0.50Zr0.50	0.58	-20	-0.518	132.144	44.71	NO			
LA0.50Zr0.50	0.9	-50	-0.909	128.727	54.12	NO			
MO0.50W0.50	0.82	-70	-0.292	91.007	55.308	NO			
Ti0.50Zr0.50	1.18	-35	-0.395	177.01	84.74	NO			
PM0.50Ti0.50	1.02	-40	-0.433	119.709	69.631	NO			
Ni0.50Zr0.50	0.77	-18	-0.265	164.426	47.072	NO			
Ta0.50W0.50	0.84	-50	-0.242	126.79	68.852	NO			
Ti0.50W0.50	0.58	-100	-0.029	102.764	62.426	NO			

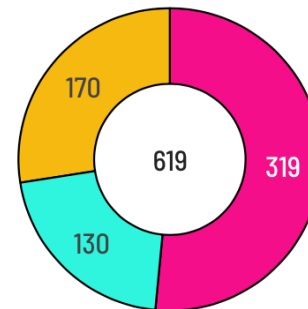


Web-based data infrastructure

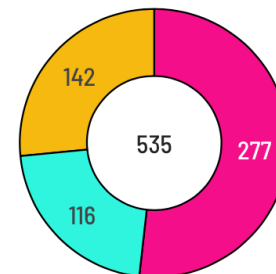
Yield strength



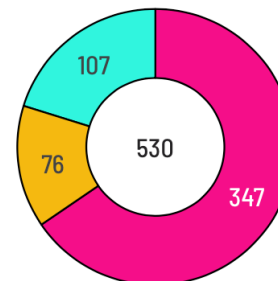
Elongation



Ultimate strength



Hardness



100s of mechanical properties