

Property	Atreyu	Kratos	Nitro	Mynos	Zhepyr	Tinum	Cordus	Lambda	Rayden	Kayros
Density (g/cm³)	5.8	4.5	3.1	3.8	5.7	3.9	2.3	6	3.4	4.8
Melting Point (°C)	2730	2730	1900	2100	2700	1830	1460	1650	1500	1200
Young's Modulus (RT, GPa)	500	420	320	300	240	220	125	67	150	200
Compressive Strenght (RT, MPa)	2600	3900	5500	5000	3000	1500	300	600	800	750
Tensile Strenght (RT, MPa)	400	1500	550	500	550	340	40	380	45	35
Vickers Hardness (GPa)	16	20	14	13	12	10	6	7	4	8
Thermal Conductivity (W/m k)	2.7	15	25	20	2.4	8	3	3	1.5	5
Thermal Expansion (10 ⁻⁶ /°C)	6	8	2	8	5	6	3	6	14	13
Operation Temperature (°C)	1800	1800	1600	1400	1600	1200	1100	1000	450	450
Dielectric constant (F/m)	10.5	9.6	8.1	9.9	8.2-9.3	14-110	5	4	2	2.5
Poisson's ratio (η)	0.36	0.36	0.32	0.22	0.35	0.3	0.26	0.3	0.26	0.24