



CUSTOM-MADE STEERING WHEELS

charac. values	density	tensile str	e-modul (Zug)	shear modulus	impact strength	specific firmness	specific e-module
Einheit	g/cm ³ /20°C	Mpa(N/mm ²)	Gpa(N/mm ²)	N/mm ²	kJ/m ²	km	km
pine wood	0,5	100	12.000		40	20	2.400
dural alu	2,8	350	75.000	28.000	200	13	2.700
titan	4,5	800	110.000	42.000	300	18	2.400
steel	7,8	1.100	210.000	81.000	500	14	2.700
GFK*	2,1	720	30.000	6.000	150	34	1.400
CFK*	1,5	800	88.000	19.000	40	60	5.900

* Composite material (carbon fibre and epoxy resin matrix), almost resembles firmness in each direction.