

Magnetische Gütwerte (Mindestwerte) der gegossenen AlNiCo-Magneten

Material	Kennzahl	Typ	Br		BHmax		Hcb		Hcj		Tmax [°C]
			[mT]	[G]	[kJ/m³]	[MGOe]	[kA/m]	[Oe]	[kA/m]	[Oe]	
AlNiCo 120	9/5	i	550	5500	9,0	1,13	44,0	553	47,0	590	450
AlNiCo 160	12/6	i	650	6500	12,0	1,51	54,0	679	57,0	716	450
AlNiCo 170	13/4	i	800	8000	13,1	1,65	39,0	490	41,0	515	450
AlNiCo 350	26/10	a	800	8000	26,3	3,30	92,0	1156	96,0	1206	450
AlNiCo 450	30/10	a	800	8000	30,0	3,77	100,0	1257	104,0	1307	450
AlNiCo 38/11	38/11	a	800	8000	38,0	4,78	110,0	1382	112,0	1407	450
AlNiCo 400	30/6	a	1050	10500	30,2	3,80	56,1	705	58,1	730	450
AlNiCo 400R	30/5	a	1120	11200	30,2	3,80	48,5	610	48,9	615	450
AlNiCo 400K	26/6	a	900	9000	26,0	3,27	58,0	729	60,0	754	450
AlNiCo 500	35/5	a	1120	11200	35,0	4,40	47,0	590	48,0	603	450
AlNiCo 500B	38/5	a	1190	11900	38,0	4,78	48,0	603	48,9	615	450
AlNiCo 560	41/5	as	1220	12200	41,4	5,20	50,0	628	50,9	640	450
AlNiCo 600	44/5	as	1200	12000	44,0	5,53	52,0	653	53,0	666	450
AlNiCo 700	52/6	as	1250	12500	52,0	6,53	55,0	691	56,0	704	450

i = isotrop

a = anisotrop

as = anisotrop stengelkristallin