

杭州科德磁业有限公司

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Datasheet of Sintered AlNiCo at Room Temperature (烧结铝镍钴磁体的磁性能 (室温))

类别 Item	牌号 Grade	剩磁 Remanence induction		矫顽力 Coercive force		内禀矫顽力 Intrinsic Coercive force		最大磁能积 Maximum Energy product		工作温度 Working Temperature	密度 Density	剩磁温度系数 Temperature Coefficient of Br	内禀矫顽力温 度系数 Temperature Coefficient of Br	备注 Remark
		$B_r$		$H_{cb}$		$H_{cJ}$		$(BH)_{max}$		$T_w$	$\rho$	$\alpha(B_r)$	$\alpha(H_{cJ})$	
		T	KGs	KA/m	KOe	KA/m	KOe	KJ/m <sup>3</sup>	MGOe	°C	g/cm <sup>3</sup>	%/°C	%/°C	
烧结铝镍钴 Sintered AlNiCo	PAINiCo10/5	0.60-0.63	6.0-6.3	48-52	0.60-0.65	52-56	0.65-0.7	8-10	1.00-1.25	≤450	6.8	-0.02	-0.03 ~ -0.07	各向同性 Isotropic
	PAINiCo12/5	0.70-0.75	7.0-7.5	48-56	0.60-0.70	52-58	0.65-0.73	11-13	1.4-1.6	≤450	7.0			
	PAINiCo14/8	0.55-0.60	5.5-6.0	75-91	0.95-1.15	80-95	1.0-1.2	14.0-16.0	1.75-2.0	≤550	7.0			
	PAINiCo20/10	0.60-0.64	6.0-6.4	93-110	1.16-1.38	100-118	1.25-1.4	18.0-22.4	2.25-2.8	≤550	7.0			
	PAINiCo28/6	1.0-1.12	10.0-11.2	56-64	0.70-0.80	58-66	0.73-0.83	28-32	3.5-4.0	≤550	7.2			各向异性 Anisotropic
	PAINiCo34/5	1.15-1.23	11.5-12.3	48-56	0.60-0.70	49-57	0.62-0.72	32-36	4.0-4.5	≤550	7.2			
	PAINiCo37/5	1.19-1.27	11.9-12.7	48-56	0.60-0.70	49-57	0.62-0.72	36-38	4.5-4.8	≤550	7.2			
	PAINiCo40/5	1.22-1.27	12.2-12.7	48-56	0.60-0.70	49-57	0.62-0.72	38-40	4.8-5.0	≤550	7.2			
	PAINiCo40/10	0.95-1.0	9.5-10.0	100-110	1.25-1.38	104-114	1.30-1.43	40-44	5.0-5.5	≤550	7.1			
	PAINiCo38/11	0.80-0.85	8.0-8.5	111-121	1.40-1.52	114-125	1.43-1.57	38-40	4.8-5.0	≤550	7.1			
	PAINiCo36/15	0.70-0.75	7.0-7.5	140-168	1.75-2.11	144-172	1.80-2.16	36-45	4.5-5.6	≤550	7.0			
	PAINiCo40/16	0.70-0.75	7.0-7.5	151-175	1.90-2.20	166-189	2.08-2.37	40-48	5.0-6.0	≤550	7.0			
	PAINiCo40/12	0.83-0.90	8.3-9.0	120-132	1.50-1.65	124-136	1.56-1.71	40-44	5.0-5.5	≤550	7.1			
	PAINiCo45/13	0.89-0.91	8.9-9.1	120-132	1.50-1.65	126-138	1.58-1.73	44-50	5.5-6.2	≤550	7.1			
PAINiCo47/14	0.82-0.88	8.2-8.8	136-152	1.70-1.91	140-152	1.75-1.91	45-50	5.6-6.25	≤550	7.1				