QUADRANT

Soft Magnet Materials

Soft Magnetic Alloy	Grade	Level	Magnetic Induction						Coercive Force
			B400	B800	B1600	B2400	B4000	B8000	Hc
			T(min)						A/m(Max)
	1J21	I	1.8	2	2.1	2.3	2.4	--	80
		II	1.8	2	2.1	2.3	2.4	--	48
	1J22	--	1.6	1.8	2	2.1	2.2	2.2	128

FeCoV Magnetic Hysteresis Alloy	Grade	Intermediate Species	Level	B(m)±1.23T		B(m)±1.36T		B(m)±1.42T	
				Hm (A/m)	Pro (10^5erg/cm^3 Hz)	Hm (A/m)	Pro (10^5erg/cm^3 Hz)	Hm (A/m)	Pro (10^5erg/cm^3 Hz)
	2J4		I	≤4400	≥1.44	≤4800	≥1.65	≤5200	≥1.85
		Cold Rolled Strip	II	5174 A/m				9552 A/m	
				Br (T)	Hc (A/m)	Pro (10^5erg/cm^3 Hz)	Br (T)	Hc (A/m)	Pro (10^5erg/cm^3 Hz)
				≥1.1	≥3582	≥1.8	≥1.1	≥3582	≥2.6

FeNi Soft Magnetic Alloy					$U_{0.4}$	Um	Hc	Bs
	Grade	Intermediate Species	Level	Thickness/Diameter (mm)	mH/m(Min)		A/m(Max)	T(min)
	1J50		II	0.10-0.19	3.8	43.8	12	1.5
		Cold Rolled Strip		0.20-0.34	4.4	56.3	10.4	
				0.35-0.50	5	65	8.8	
				0.51-1.00	5	50	10	
				1.10-2.50	3.8	44	12	
	1J85		I	0.20-0.34	50	225	1.2	0.7
		Cold Rolled Strip		0.35-1.00	62.5	312.5	0.8	
				1.10-2.50	50	187.5	1.2	
				2.51-3.00	43.8	150	1.4	

Anti-Corrosion Soft Magnetic Alloy		Magnetic Induction					Remanence Induction			Um	Hc
	Grade	B240	B400	B800	B2400	B3200	Br240	Br2400	Br3200	mH/m(Min)	A/m(Max)
		T(min)					T(Max)				
	1J117	0.9	-	1	-	1.25	-	-	-	-	80
	Cr17NiTi	-	0.9	1	1.2	-	-	0.95	-	3.75	80