

Properties for injection type plastic ferrite magnets.

氧化鐵注塑磁特性表

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Material		Property	Br	bHc	iHc	BHMax	Density	Tensile strength	Flexural Strength	Impact resistant strength	Hardness Rockwell	Shrinkage	Hot Distortion temp.	
		NO.	(G)	(Oe)	(Oe)	(MGOe)	g/cm ³	Kg/cm ²	Kg/cm ²	Kg.cm /cm	Rescale	%	°C	
Ferrite	Isotropic	FP-1203	1100	1100	2500	0.35	2.90	600	1000	4.0	118	0.25	110	
		FP-1104	1450	1150	1700	0.42	3.20	900	1200	7.0	110	0.20	120	
	Nylon 6	FP-1116	2550	2200	2800	1.60	3.35	850	1200	5.3	118	0.20	150	
		FP-1118	2800	2350	2750	1.85	3.55	750	1200	4.0	120	0.15	150	
		FP-1121	2950	2300	2600	2.1	3.75	620	800	4.0	121	0.15	150	
	Nylon 12	FP-1216	2550	2300	2750	1.63	3.30	500	1050	3.5	114	0.02	120	
		FP-1218	2800	2350	2650	1.85	3.50	450	1000	3.5	115	0.02	120	
		FP-1220	2900	2350	2600	2.05	3.65	400	900	3.5	118	0.02	125	
		FP-1222	2980	2250	2400	2.2	3.75	550	800	3.3	118	0.02	130	
	PPS	FPS-17	2650	2100	2500	1.7	3.65	343	883	8.3	120	0.02	235	
	Rare Earth	Nylon 12	SmCo SP-1290	5700 6400	4200 4500	5600 8000	9 12	5.2 5.6	320 400	570 750	3.2 5.1	108 112	0.04	105 142
			Nd NP-1260	4700 	3800 	7000 	4 	4.5 	500 	880 	5.5 	110 	0.04	115
			NP-1280	5500	4400	15000	6	5.5	510	900	6.8	112		118
Anisotropic		NP-100		7500	6500	12000	10 12	5.5	500 510	880 900	5.8	110 112	0.04	115