

Metal Injection Moulded Magnetic Materials for Soft Magnetic Application MIM - Weichmagnetischen Werkstoffe

Material	Density	Magnetic Induction B _{max} (gauss)	Coercive Force H _c (oersteds)	Permeability μ _m
Pure Iron (C'met-Fe)	7.74	14,100	1.3	5,400
Fe-50%Ni (C'met-50)	7.68	12,700	1.5	3,300
Fe-81%Ni-2%Mo (C'met-NiMo)	7.85	7,600	1.0	77,000
430L (C'met-430)	7.70	8,500	2.8	1,400
410L (C'met-410)	7.71	11,100	1.3	2,200
FeCo48V2 (C'met-Co48-2)	7.81	16,600	1.6	4,300
FeCo50 (C'met-Co50)	7.81	17,800	1.0	5,000
Fe-3%Si (C'met-Si3)	7.69	14,400	0.28	20,100
Fe-4%Si (C'met-Si4)	7.70	14,100	0.36	17,600

The values indicated are for general guidance only. They may change based on processing conditions

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