Electromagnetic Pure Iron Series

Types	Level	Grade	Coercivity Hc(Oe)	Maximum permeabilityµ _m &	Magnetic Induction (Gs)*			
					B ₂₀₀	B ₁₀₀₀	B ₅₀₀₀	B ₁₀₀₀₀
Electromagnetic Pure Iron	Ordinary	DT4	≦1.2	≥6000	≥12000	≥15000	≥17000	≥18000
	High level	DT4A	≦0.9	≥7000				
	Top grade	DT4E	≦0.6	≥9000				
	Super grade	DT4C	≦0.4	≥12000				
No Hairline Pure Iron#	Ordinary	DT8	≦1.2	≥6000	≥12000	≥15000	≥17000	≥18000
	High level	DT8A	≦0.9	≥7000				
	Top grade	DT8E	≦0.6	≥9000				
	Super grade	DT8C	≦0.4	≥12000				
Airtight Pure Iron@	/	DT9	≦0.8	≥14000	B ₅	B ₁₀	B ₅₀	B ₁₀₀
					≥15000	≥15700	≥17000	≥18000

Notes:

1*: B₅, B₁₀₀, B₁₀₀₀₀, etc. represent the B values of the magnetic field H=200A/M, 1000A/M and other conditions, respectively.

2#: The vacuum leakage and deflation rate of pure iron without hairline is less than or equal to 1X10⁻⁹Pa.m³/s.

3@: The vacuum leakage and deflation rate of airtight pure iron is better than that of non-hairline pure iron, and specific customers can experiment by themselves if necessary.

4&: Indicates the technical potential value of the maximum magnetic permeability of pure iron. The actual maximum magnetic permeability is closely related to the slight fluctuation of the composition of each batch of raw materials and heat treatment process, etc.