

Ferrite Powder & Magnetic Compound

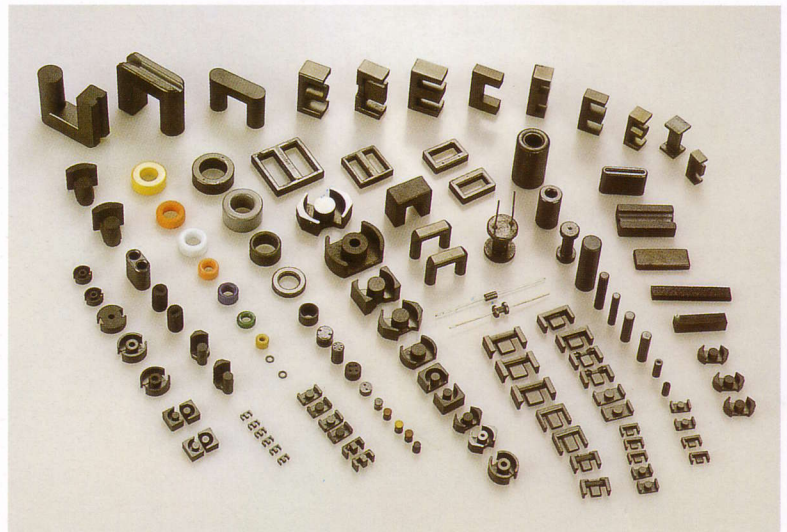
With advanced manufacturing systems, *Pro-Perfect Magnetics* produces Ferrite Powder for the production of flexible rubber & plastic magnets and magnetic damping pads for automobiles. *Pro-Perfect Magnetics* can also supply Ferrite Magnetic Compound, which compounded already by adding additives (such as nylon, resin, etc.) into the ferrite powder, and can be put into production directly. *Pro-Perfect Magnetics* can produce Ferrite Powder & Magnetic Compound according to customer's requirements on magnetic characteristics and particle size.

Type	Grade	Magnetic Characteristics				Physical Properties		
		Br (mT)	Hcb (kA/m)	Hcj (kA/m)	(BH)max (kJ/m ³)	Water Content (%)	Particle Size (um)	Material
Bonded Isotropic Ferrite Powder	PO ₂ -B4	148-155	95-105	190-220	3.4-4.3	≤ 0.3	1.8-2.2	BaO·6Fe ₂ O ₃
	PO ₂ -B5	170-185	98-110	160-190	4.6-6.0	≤ 0.3	2.0-2.3	BaO·6Fe ₂ O ₃
	PO ₂ -B7A	185-210	100-125	160-175	6.0-7.6	≤ 0.3	2.0-2.3	
	PO ₂ -B7B	185-210	100-125	160-175	6.0-7.6	≤ 0.3	2.6-3.8	
	PO ₂ -B8	200-220	100-120	120-150	7.0-9.0	≤ 0.3	1.2-1.5	
	PO ₂ -B9	215-235	140-160	170-200	8.0-10.0	≤ 0.3	1.5-2.0	SrO·6Fe ₂ O ₃
	PO ₂ -S5	165-180	95-105	135-160	4.5-5.8	≤ 0.3	1.8-2.5	
	PO ₂ -S6	190-210	90-110	110-140	5.5-7.0	≤ 0.3	1.2-1.6	
	PO ₂ -S7	190-210	100-120	140-160	6.0-8.0	≤ 0.3	1.2-1.6	
Bonded Anisotropic Ferrite Powder	PO ₉ -10	230-250	145-200	190-220	9-11	≤ 0.3	0.9-1.2	SrO·6Fe ₂ O ₃
	PO ₉ -12	≥ 250	175-200	200-220	≥ 11	≤ 0.3	0.9-1.2	

Unit conversion: 1.0kGs=100mT, 1.0kOe=79.6kA/m, 1.0MGOe=7.96kJ/m³

Soft Ferrite Cores

Pro-Perfect Magnetics supplies soft ferrite cores, including high frequency low loss ferrite cores and high permeability ferrite cores, which are widely used in switching transformers, FBT pulse transformers, driving transformers, power-supply line filters, computer monitors, electronic ballasts, telecommunication equipments and energy-saving lamps, etc. Products include EE cores, EI cores, EER & ETD cores, EFD cores, EPC cores, UF & UI cores, ET & FT cores, PQ cores, EP & LP cores, Pot cores, RM cores, Ring cores, PM cores, Planer cores, SMD cores, etc. Please contact *Pro-Perfect Magnetics* for more information.



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