

MnZn Type Ferrite Powder - SPD (Spray Dried) Products

Powder Characteristics

SPD Product Type Number	Average Particle Size (μm)	Bulk Density (gr/cc)	Moisture Content (%)	Sintered Density (gr/cc)	Sintered Temperature ($^{\circ}\text{C}$)	Curie Temperature ($^{\circ}\text{C}$)
HC-04500G	1.5	1.3	0.25	4.9	1,350	210
HC-02200G	1.5	1.3	0.25	4.9	1,330	210
HC-02400G	1.5	1.3	0.25	4.9	1,330	220
HC-02600G	1.5	1.3	0.25	4.9	1,330	150
HC-08000GE	1.4	1.3	0.25	4.9	1,350	140
HC-10000G	1.4	1.3	0.25	5	1,380	110
HC-12000G	1.3	1.3	0.25	5.1	1,380	90
	± 0.15	± 0.10	± 0.15	± 0.10	reference	-

Magnetic Properties

SPD Product Type Number	μ_i	Q Max.		Bm		Br Gauss	Hc Oe
		Q	f Hz.	B Gauss	Hm Oe		
HC-04500C	4,500	250	10K	4,950	15	1,300	0.11
HC-02200G	2,200	200	8K	4,900	15	2,200	0.16
HC-02400G	2,400	350	10K	5,000	15	1,200	0.13
HC-02600G	6,000	120	1.5K	4,600	10	1,200	0.09
HC-08000GE	8,000	90	1K	4,500	10	1,000	0.05
HC-10000G	10,000	50	500K	4,000	10	1,400	0.05
HC-12000G	12,000	20	1.5K	3,500	10	1,000	0.04
	$\pm 20\%$	reference	reference	± 100	setting	reference	reference

Remark :

- 1) Sintered density and magnetic properties may change according to the sintering conditions like sintering temperature, heating up speed, oxygen content when in cooling, etc.
- 2) Data shown in the above are taken from sample which are sintered by a batch type test kiln under conditions which are designated for each type of materials by our manufacturer.
- 3) Data shown are of Standard Data specified by our manufacturer, however, the powder characteristics and the magnetic properties shown in the above may be changed on request.