

Cobalt Vanadium Iron Series

Grade	Resistivity $\mu\Omega\cdot m$	Curie Point $^{\circ}C$	Coercivity $H_c(Oe)$	Magnetic Induction (Gs)*			
				B_{400}	B_{2400}	B_{4000}	B_{8000}
1J22 *	0.4	980	$\cong 1.4$	≥ 17000	≥ 21000	≥ 22000	≥ 23000
1J27 #	0.19	925	$\cong 1.8$	B_{800}	B_{4000}	B_{12000}	B_{16000}
				≥ 15000	≥ 18000	≥ 21200	≥ 22100

Notes:

1*: The main components of 1J22 alloys are similar, and there are sub-types such as 1J21, 1J22, 1J22HK, etc., and their magnetic properties are slightly different. The characteristics are high saturation magnetic induction intensity, high Curie point, high magnetostriction coefficient and high mechanical strength.

2#: 1J27 has slightly lower magnetic properties than other grades, but has better ductility, fatigue resistance, processability, and weldability.