

**钕铁硼的物理特性 Physical Properties of NdFeB Magnet**

项目 Item	单位 Unit	参数范围 Standard Data
居里温度 Curie Temperature	°C	320-395
最高工作温度 Max. Operating Temperature	°C	70-250
电阻率 Resistivity	μΩ.cm	120-160
热导率 Thermal Conductivity	w/m.c	7.0-10.0
硬度 Hardness	Hv	620
密度 Density	g/cm ³	7.50-7.65
回复磁导率 Recoil Permeability		1.02-1.08
饱和磁化强度 Saturation Magnetization	Koe	30-40
剩磁温度系数 Temperature Coefficient of Br.	%/°C (20°C -250°C)	-(0.08-0.12)
内禀矫顽力温度系数 Temperature Coefficient of iHc	%/°C (20°C -250°C)	-(0.34-0.75)
抗压强度 Compressive Strength	N/Mm ²	1000-1300
抗弯强度 Bending Srength	N/Mm ²	250-400
杨氏模量 Young's Modulus	KN/Mm ²	150-160
延伸率 Elongation	%	~0

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