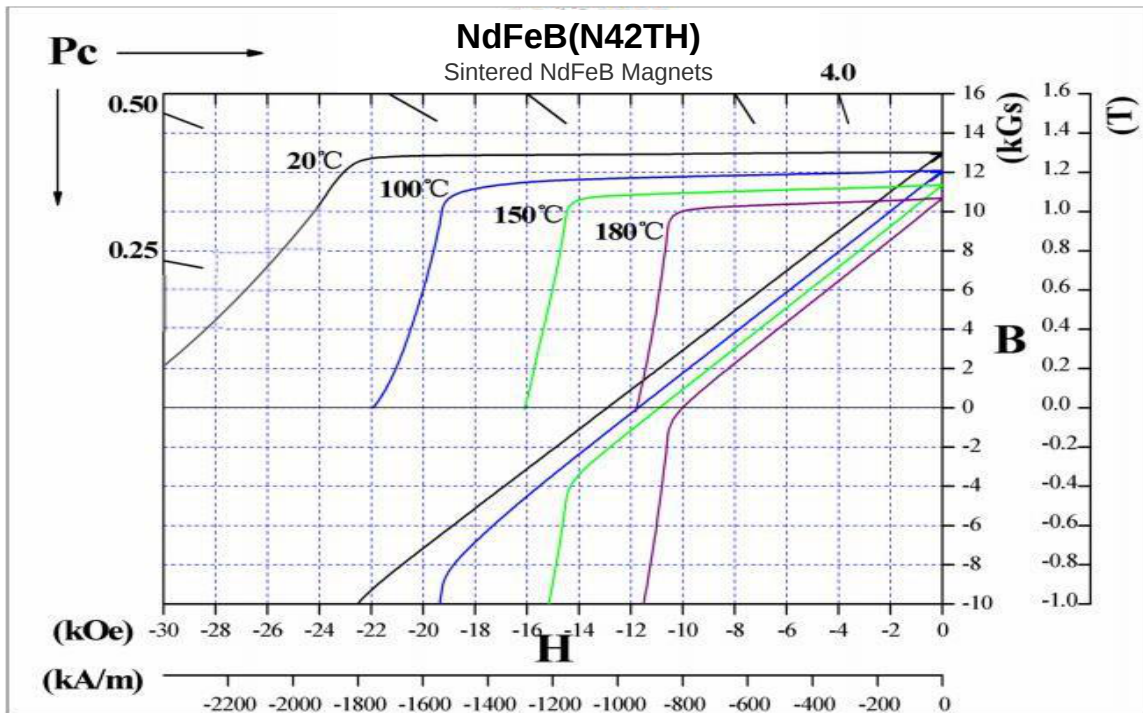




N42TH		单位 Units	最小值 Min	典型值 Typical values
磁性参数 Magnetic parameters	剩磁.Br Residual Induction	KGs	12.8	13
		T	1.28	1.3
	磁感应矫顽力.HcB Coercivity	KOe	12.2	12.4
		KA/m	976	992
	内禀矫顽力.HcJ Intrinsic Coercivity	KOe	34	>34
		KA/m	2706	>2706
	最大磁能积.(BH) max Maximum Energy Product	MGOe	40	42
		KJ/m ³	318	335
	剩磁温度系数.α (Br) of Induction, α(Br)	%/°C	-0.11	
	矫顽力温度系数.α (Hcj) of Coercivity, α(Hcj)	%/°C	-0.42	

N42TH		单位 Units	平行于磁化方向 C//	垂直于磁化方向 C⊥
机械物理性能参数 Mechanical and physical performance parameters	热膨胀系数 (20~100℃) Coefficient of Thermal Expansion	10 ⁻⁶ /K	4~9	-2~0
	居里温度 Curie Temperature, Tc	°C	~310	
	杨氏模量 Young Modulus	10 ⁹ N/m ²	150~200	
	抗弯强度 Flexural Strength	Mpa	150~400	
	抗压强度 Compressive Strength	Mpa	1000~1100	
	电阻率 Electrical Conductivity	μ Ω.m	1.2~1.6	
	密度 Density	g/cm ³	7.45~7.70	
	维氏硬度 Hardness, Vickers	HV	500~700	

注：1、客户有特殊要求，按客户要求。居里温度、温度系数只作为参考依据，不作为判定依据。

Curie temperature and temperature coefficient are for reference only, but not as inspection base.

2、上面所示的材料数据和退磁曲线代表典型的属性。由于产品形状和大小可能不同。

The material data and demagnetization curves shown above represent typical properties that may vary due to product shape and size.

3、用户对磁体的磁性能有特殊要求的，由供需双方商定的技术协议执行。

The user can have a special requirement on the magnets, magnetic, performed by the supply and demand both sides agreed on the technical agreement.