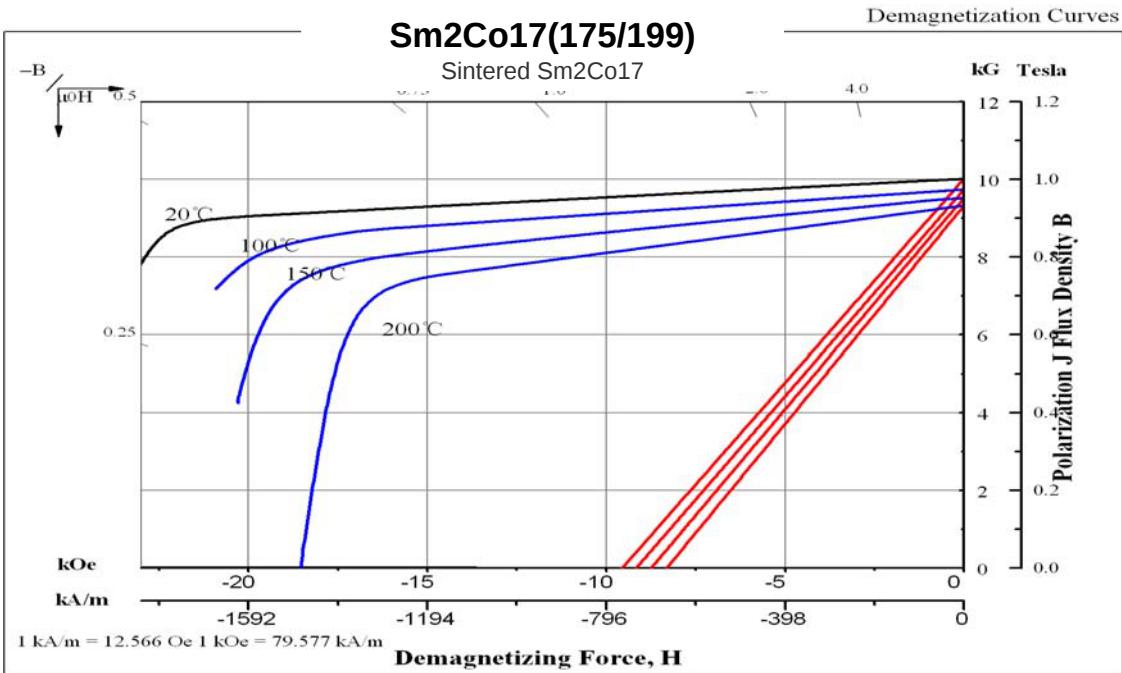




Sm2Co17 (175/199)		单位 Units	最大值 Max	最小值 Min	典型值 Typical values
磁性参数 Magnetic parameters	剩磁.Br Residual Induction	KGs	10.2	9.6	9.9
		T	1.02	0.96	0.99
	磁感应矫顽力.HcB Coercivity	KOe	9.1		
		KA/m	724		
	内禀矫顽力.HcJ Intrinsic Coercivity	KOe	25		
		KA/m	1990		
	最大磁能积.(BH) max Maximum Energy Product	MGOe	25	22	23
		KJ/m ³	199	175	183
	剩磁温度系数.α (Br) of Induction, α(Br)	%/℃	-0.03		
	矫顽力温度系数.α (Hcj) of Coercivity, α(Hcj)	%/℃	-0.2		

Sm2Co17 (175/199)		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 (20~200℃) Coefficient of Thermal Expansion	E-6/K	7~9	10~13
	工作温度 Working temperature	℃	350	
	居里温度 Curie Temperature, Tc	℃	820	
	抗弯强度 Flexural Strength	Mpa	100	
	抗压强度 Compressive Strength	Mpa	700	
	杨氏模量 Young's Modulus	Gpa	2.4	
	密度 Density	g/cm3	8.3~8.5	
	维氏硬度 Hardness, Vickers	Hv	550	

- 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.