

Demagnetization Curves



| LINGT18 | | 单位 Units | 最小值 Min | 典型值 Typical values |
|--|--|-------------|------------|-----------------------|
| 磁性参数 Magnetic parameters | 剩磁.Br Residual Induction | KGs | / | 5.8 |
| | | T | / | 0.58 |
| | 磁感应矫顽力.HcB Coercivity | KOe | / | 1130 |
| | | KA/m | / | 90 |
| | 内禀矫顽力.HcJ Intrinsic Coercivity | KOe | / | 1190 |
| | | KA/m | / | 95 |
| | 最大磁能积.(BH) max Maximum Energy Product | MGOe | / | 2.26 |
| KJ/m ³ | | / | 18 | |
| 剩磁温度系数.α (Br) of Induction, α(Br) | %/°C | -0.02 | | |
| 矫顽力温度系数 α (Hcj) of Coercivity, α(Hcj) | %/°C | +0.03~-0.07 | | |

| LINGT18 | | 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°C) Coefficient of Thermal Expansion | 10-6/°C | 11-12 | |
| | 居里温度 Curie Temperature, Tc | °C | 750-850 | |
| | 电阻率 Electrical Resistivity, r | μ Ω .m | 0.45-0.55 | |
| | 抗压强度 Compressive Strength | Mpa | 300-400 | |
| | 拉伸强度 Tensile Strength | Mpa | 80-300 | |
| | 密度 Density | g/cm3 | 6.8-7.3 | |
| | 维氏硬度 Hardness, Vickers | Hv | 300-400 | |

- 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.