



| N35SH                                    |                                   | 单位<br>Units | 最小值<br>Min | 典型值<br>Typical values |
|--|-----------------------------------|-------------|------------|-----------------------|
| 磁性参数<br>Magnetic parameters              | 剩磁 Br<br>Residual Induction       | KGs         | 11.7       | 12.0                  |
|  |                                   | T           | 1.17       | 1.20                  |
|  | 磁感应矫顽力.HcB<br>Coercivity          | KOe         | 11.0       | 11.8                  |
|  |                                   | KA/m        | 875        | 939                   |
|  | 内禀矫顽力.HcJ<br>Intrinsic Coercivity | KOe         | 20         | 22                    |
|  |                                   | KA/m        | 1592       | 1767                  |
| 最大磁能积.(BH) max<br>Maximum Energy Product | MGOe                              | 33          | 35         |                       |
|  | KJ/m <sup>3</sup>                 | 263         | 279        |                       |
| 剩磁温度系数 α (Br)<br>of Induction, α(Br)     |                                   | %/°C        | -0.12      |                       |
| 矫顽力温度系数 α (Hcj)<br>of Coercivity, α(Hcj) |                                   | %/°C        | -0.52      |                       |

| N35SH  |  | 单位<br>Units       | 平行于磁化方向<br>C// | 垂直于磁化方向<br>C⊥ |
|--|--|-------------------|----------------|---------------|
| 机械物理性能参数<br>Mechanical and physical performance parameters | 热膨胀系数 (20~200°C)<br>Coefficient of Thermal Expansion | E-6/K             | 6-7            | -0.5          |
|  | 居里温度<br>Curie Temperature, Tc                        | °C                | 310            |               |
|  | 压缩系数<br>Compressibility                              | Mpa               | 800-1400       |               |
|  | 抗弯强度<br>Flexural Strength                            | Mpa               | 250-350        |               |
|  | 抗压强度<br>Compressive Strength                         | Mpa               | 600-1200       |               |
|  | 电导率<br>Electrical Conductivity                       | μ Ω.cm            | 90             |               |
|  | 密度<br>Density  | g/cm <sup>3</sup> | 7.45-7.70      |               |
|  | 维氏硬度<br>Hardness, Vickers                            | Hv                | 570            |               |

- 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.