

GH5 Material Characteristics

| Characteristic | Symbol | Unit | GH5 |
|---|-----------------------------|-----------------------|-----------------------|
| Initial Permeability | μ_i | | 5500 $\pm 25\%$ |
| Relative Loss Factor | $\frac{\tan \delta}{\mu_i}$ | $* 10^{-6}$ | ≤ 15 (100kHz) |
| Saturation Flux Density | Bs 25°C | mT | 410 |
| | | | 800A/m |
| Remanence | Br | mT | 65 |
| Coercivity | Hc | A/m | 6 |
| Curie Temperature | Tc | °C | >140 |
| Resistivity | ρ | $\Omega \cdot m$ | 0.3 |
| Density | d | $Kg/m^3 * 10^3$ | 4.9 |
| Relative Temperature Coefficient | $\alpha_{\mu r}$ | $* 10^{-6} \cdot 1/K$ | -0.5~2.0 20~60°C |
| Disaccommodation Factor | D _F | $* 10^{-6}$ | ≤ 3 |
| The values are obtained by T25 test cores. The data may have some adjustments according to specific products. | | | |

GH5 Material Characteristics Curve

