

# The Curves of Material & Characteristics FT350 Materials(NiZn)

| Material     | Initial Permeability  | Relative Loss Factor                    | Relative Temperature Coefficient          | Saturation Magnetic Flux Density | Reman-ence | Coercivity  | Curie Temperature | Electrical Resistivity         | Applied Frequency Range | Density                |
|--------------|-----------------------|-----------------------------------------|-------------------------------------------|----------------------------------|------------|-------------|-------------------|--------------------------------|-------------------------|------------------------|
| Unit symbol  | $\mu_i$<br>$\pm 20\%$ | $\tan \delta/\mu_i$<br>$\times 10^{-6}$ | $\alpha \mu_i \gamma$<br>$\times 10^{-4}$ | Bs<br>(MT)                       | Br<br>(MT) | HC<br>(A/m) | Tc<br>(°C)        | $\rho$<br>( $\Omega \cdot m$ ) | F<br>MHz                | d<br>g/cm <sup>3</sup> |
| <b>FT350</b> | 350                   | 110 (1MHz)                              | 10 - 15                                   | 260 (1600A/m)                    | 220        | 45          | >150              | >10 <sup>5</sup>               | 0.1 - 1                 | 4.6                    |

