ALLOY POWDER CORE SERIES PRODUCTS

Material Characteristics Curves

Temperature Stability

Graphs showing the percent change of permeability for MPP, HI-FLUX, and SENDUST as a function of temperature, ranging from -30°C to 130°C.
Typical Incremental Permeability vs. D.C. Bias

D.C. Magnetizing Force (Oersteds)

Percent change of permeability (%)

MPP

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Permeability vs AC Flux Density

Flux Density (Gauss)

Percent change of permeability (%)
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Permeability vs. Frequency

- **MPP**
  - Frequency (kHz) compared across different powder thicknesses.
  - Percent change of permeability (%)

- **HI-FLUX**
  - Frequency (kHz) compared across different powder thicknesses.
  - Percent change of permeability (%)

- **SENDUST**
  - Frequency (kHz) compared across different powder thicknesses.
  - Percent change of permeability (%)

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Material Characteristics Curves

E Type Cores

Core Loss vs. Flux Density

![Graphs showing core loss vs. flux density for different Mpp values]
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Material Characteristics Curves

E Type Cores

Core Loss vs. Flux Density

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Core Loss vs. Flux Density

[Graph showing Core Loss vs. Flux Density for different core types and sizes.]