



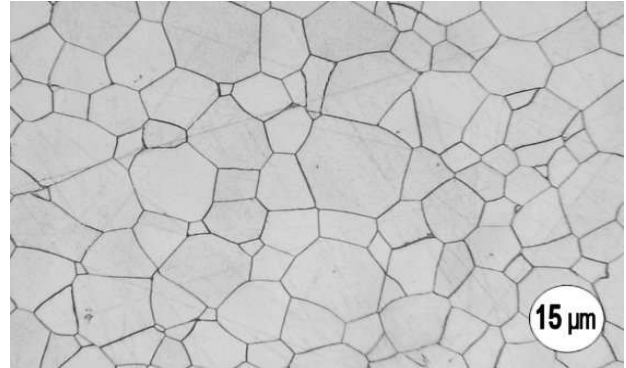
MND5200

Ultra-High Density, Fine-Grained Mn-Zn Ferrite

MND5200 was originally developed for recording head applications, but because of its' unique mechanical and physical properties, it now excels in such uses as specialty transformers, non-destructive testing, and current probes. Its' absence of porosity make it ideally suited for deposition and wear-resistant applications.

Typical Properties

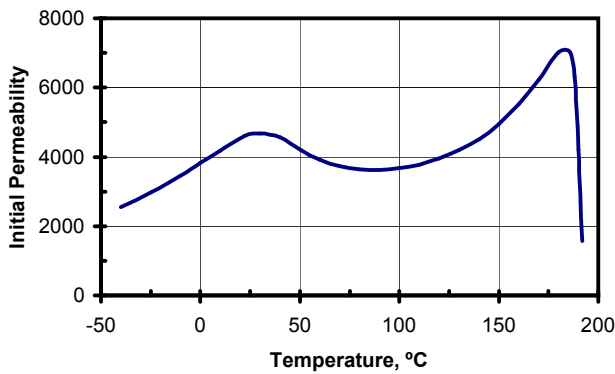
Initial Permeability	4600
Maximum Permeability	6500
Saturation Flux Density	5200 Gauss
Remanent Flux Density	800 Gauss
Coercive Force	0.08 Oersted
Curie Temperature	195°C
dc Volume Resistivity	225 ohm-cm
Bulk Density	5.07 g/cc
Grain Size	10 μ m



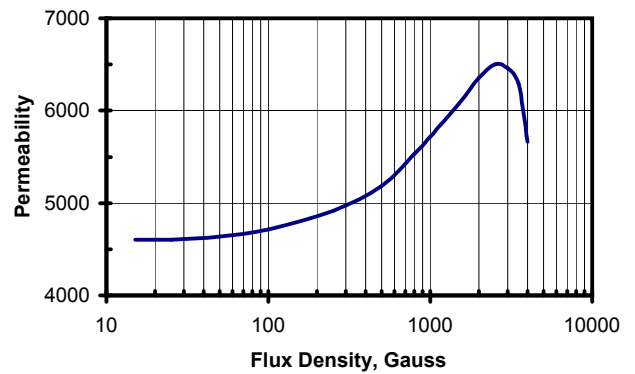
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

Bs tested at 1 KHz, 20 Oersted • Br, Hc at 1 KHz, 5 Oersted

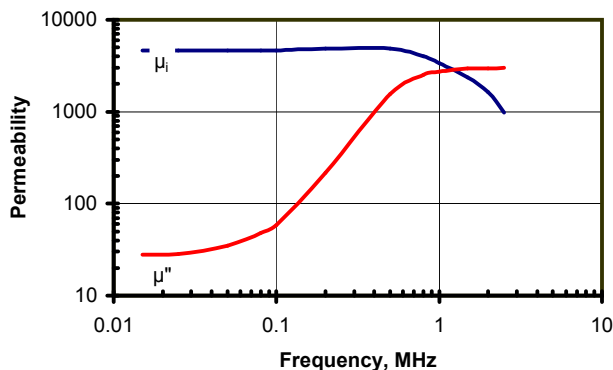
Initial Permeability vs. Temperature



Permeability vs. Flux Density



Complex Permeability vs. Frequency



BH Loop Parameters vs. Temperature

