MPP (molypermalloy powder)

Description

- 80% nickel, 2% molybdenum iron alloy powder
- Distributed air gap throughout core material
- Relatively High Saturation flux density (Bs)
- Low residual flux density
- High temperature stability
- Lowest core losses

Characteristics

Material name	**MPP**
Material grade	**97**
Permeability (μi) at 10kHz, 10 gauss	**160**
Power Loss Density (mW/cm³) at 50 kHz, 1000 gauss	**400**
Flux Density at 200 Oersteds (gauss)	**7600**
DC bias measured at 80% permeability (Oersteds)	**20**
Maximum Operating Temperature (°C)	**200**
Core colour	**Dark blue**

Note: The values listed above are typical and may vary depending on core shape and size. Permeability is for reference only as cores are made to the AL values listed.

Typical Applications

- Output filter inductors for SMPS
- High Q filters
- EMI / RFI filters

Performance graphs