

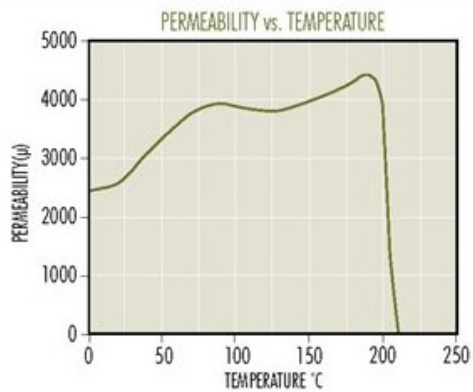
# P Material

P material is a low-medium frequency general-purpose power converter material. Engineered for lowest losses at 95°C. Available in almost all core sizes and shapes.

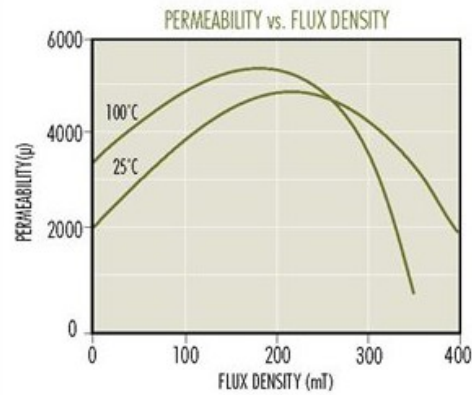


Initial Perm (10 kHz)	2,500 ± 25%
Saturation Flux Density (4,700 G at 15 Oe, 25°C)	470 mT, 11.9 A•T/cm
Curie Temperature	210°C
Maximum Usable Frequency (50% roll-off)	≤1.8 MHz
Remanence (1,600 G, 25°C)	160 mT
Resistivity	5 Ω-m
Density	4.8 g/cm <sup>3</sup>

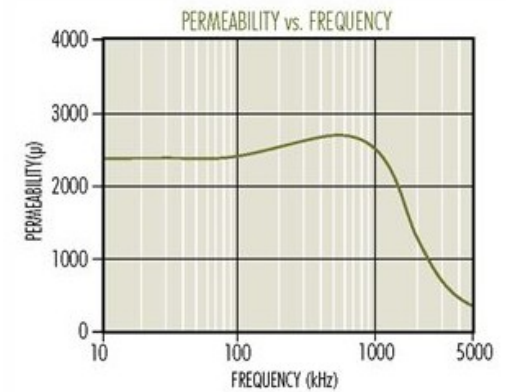
**PERMEABILITY vs. TEMPERATURE**



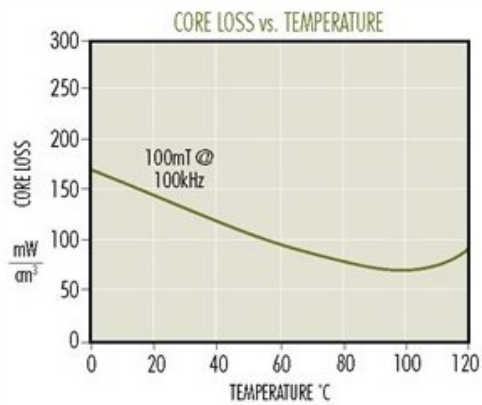
**PERMEABILITY vs. FLUX DENSITY**



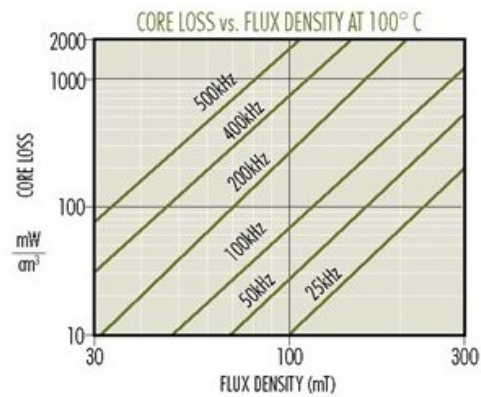
**PERMEABILITY vs. FREQUENCY**



**CORE LOSS vs. TEMPERATURE**



**CORE LOSS vs. FLUX DENSITY AT 100°C**



**FLUX DENSITY vs. TEMPERATURE**

