

# 材料 Ma a TD3

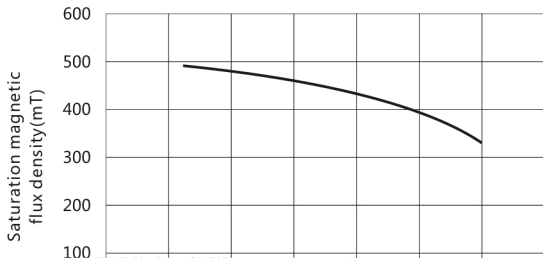
## 特点 F a

高饱和磁感应强度  $H_{Sa}$   $F_D$

较高的初始磁导率  $H_{Ia}$   $P_{ab}$

低磁心损耗  $L_{CL}$

**Bs-Temperature**



Initial permeability	$\mu_i$	25°C	3200±25%
Saturation magnetic flux density	$B_s$ (mT)	25°C	490
		100°C	390
Remanent flux density	$B_r$ (mT)	25°C	100
		100°C	80
Coercivity	$H_c$ (A/m)	25°C	16
		100°C	12

Temperature (°C)	Relative loss factor $P_{cv}$ (25°C/10kHz)
25	380
100	660
	≥200
	1
	$4.8 \times 10^3$

Relative loss factor $P_{cv}$ (25°C/10kHz)	≤3.0
Relative loss factor $P_{cv}$ (100°C/10kHz)	( $\times 10^3$ )

Core loss	$P_{cv}$ (kW/m <sup>3</sup> )
	100kHz 20

Curie temperature	$T_c$ (°C)
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Electrical resistivity	$\rho$ (Ω·m)
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Density	$d$ (kg/m <sup>3</sup> )
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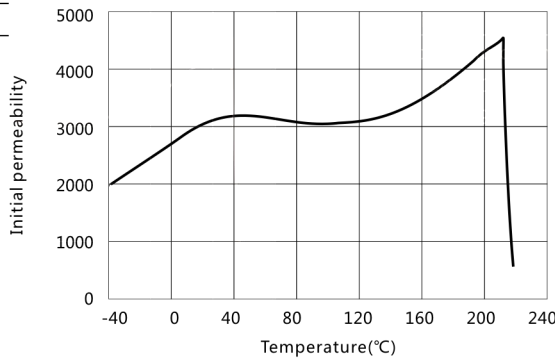
Test core : Toroid(mm)

Od : 31

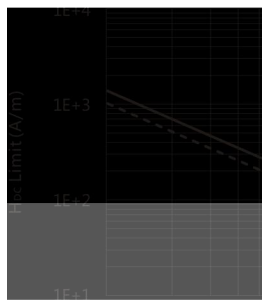
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H : 6

**$\mu_i$ -Temperature**



**B-H**



**$H_{dc}$  Limit- $\mu_e$**

