

DATA SHEET

M02

Materials specification

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中鋼集團

M02 SPECIFICATIONS

	CONDITIONS	VALUE	UNIT
μ_i	25°C; ≤ 10 kHz; 0.25mT	2500 \pm 25%	
Bs	25°C; 10 kHz; 1200A/m 100°C; 10 kHz; 1200A/m	430 340	mT
Br	25°C; 10 kHz; 1200A/m 100°C; 10 kHz; 1200A/m	86 75	mT
$\tan\delta / \mu_i$	10kHz, 25°C, <0.25mT 100kHz, 25°C, <0.25mT	<9 <4	$\times 10^{-6}$
αF	10kHz, 5-25°C, <0.25mT 10kHz, 25-55°C, <0.25mT	-1~1 -1~1	$10^{-6}/^\circ\text{C}$
ηB	10kHz, 25°C, 1.5-3.0mT	<0.4	$10^{-6}/\text{mT}$
ρ	DC; 25°C	7.5	Ωm
Tc		≥ 180	$^\circ\text{C}$
Density		4850	kg/m^3



