

Material Grade: DM4545 high property hard ferrite material

Property	Unit	Specification
Br Residual Flux Density	(mT)	450±10
	[Gs]	4500±100
Hcb Coercive Force	(kA/m)	336±16
	[Oe]	4200±200
Hcj Intrinsic Coercive Force	(kA/m)	360±12
	[Oe]	4500±150
(BH)max Max.Energy Product	(kJ/m ³)	38.4±1.6
	[MGOe]	4.8±0.2
μec Relative Permeability	/	1.05-1.1
Br temperature coefficient ΔBr/Br/ΔT	(%/°C)	-0.18
Hcj temperature coefficient ΔHcj/Hcj/ΔT	(%/°C)	0.20
Tc Curie Temperature	(°C)	460
ρ Density	(kg/m ³)	(4.90~5.10) ×10 ³
	[g/cm ³]	4.90~5.10
Anti-Bending Strength	(N/m ²)	(0.5~0.9) ×10 ⁸
	[kgf/mm ²]	5~9
Anti-Compressive Strength	(N/m ²)	≥6.9×10 ⁸
	[kgf/mm ²]	≥70
Anti-Tensile Strength	(N/m ²)	(0.2~0.5) ×10 ⁸
	[kgf/mm ²]	2~5

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