

Material Grade: DM4636 high property hard ferrite material

Property	Unit	Specification
Br	(mT)	460±10
Residual Flux Density	[Gs]	4600±100
Hcb	(kA/m)	280±12
Coercive Force	[Oe]	3500±150
Hcj	(kA/m)	288±12
Intrinsic Coercive Force	[Oe]	3600±150
(BH)max	(kJ/m ³)	40.0±1.6
Max.Energy Product	[MGOe]	5.0±0.2
μec	/	1.05-1.1
Relative Permeability		
Br temperature coefficient ΔBr/Br/ΔT	(%/°C)	-0.18
Hcj temperature coefficient ΔHcj/Hcj/ΔT	(%/°C)	0.20
Tc	(°C)	460
Curie Temperature		
ρ	(kg/m ³)	(4.90~5.10) ×10 ³
Density	[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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