



● BONDED ND-FE-B (COMPRESSION MOULDING)

Grade	Residual B_r mT (KG)	Coercive H_c kA/m (KOe)	Intrinsic Coercive H_c KA/m	Max Energy Product $(BH)_{max}$ KJ/m ³ (MGOe)	Density g/cm ³	Reversible Permeability μ_r	Rev Thermal Coefficient ∞_{Br} %/°C	Max Working Temp T_{W9} °C
BNP-6	520-600 (5.2-6.0)	304-360 (3.8-4.5)	640-800 (8.0-10)	40-56 (5-7)	5.3-5.8	1.15	-0.13	140
BNP-8	600-650 (6.0-6.5)	360-440 (4.5-5.5)	640-960 (8.0-12)	56-72 (7-9)	5.6-6.0	1.15	-0.13	140
BNP-10	650-700 (6.5-7.0)	360-464 (4.5-5.8)	640-960 (8.0-12)	72-80 (9-10)	5.8-6.1	1.22	-0.07~-0.105	140
BNP-12	700-760 (7.0-7.6)	424-480 (5.3-6.0)	640-880 (8.0-11)	80-96 (10-12)	6.0-6.2	1.22	-0.13	140
BNP-8H	550-620 (0.5-6.2)	400-480 (5.0-6.0)	960-1280 (12-16)	48-72 (6-9)	5.6-6.0	1.15	-0.07~-0.13	140

● BONDED ND-FE-B (INJECTION MOULDING)

Grade	Residual B_r mT (KG)	Coercive H_c kA/m (KOe)	Intrinsic Coercive H_c KA/m	Max Energy Product $(BH)_{max}$ KJ/m ³ (MGOe)	Density g/cm ³	Reversible Permeability μ_r	Rev Thermal Coefficient ∞_{Br} %/°C
BNP-2	200-400 (2.0-4.0)	120-240 (1.5-3.0)	560-720 (7.0-9.0)	6.4-24 (0.8-3.0)	3.5-4.0	1.25	-0.15
BNP-4	400-490 (4.0-4.9)	247-10 (3.1-3.9)	573-732 (7.2-9.2)	28-36 (3.5-4.5)	4.0-5.0	1.2	-0.1
BNP-6	490-570 (4.9-5.7)	312-382 (3.9-4.8)	637-796 (8.0-10.0)	42-56 (5.2-7.0)	5.0-5.5	1.2	-0.1
BNP-8	570-630 (5.7-6.3)	382-430 (4.8-5.4)	676-835 (8.5-10.5)	59-67 (7.4-8.4)	5.0-5.5	1.2	-0.1
BNP-6H	480-560 (4.9-5.6)	334-398 (4.2-5.0)	10335-1353 (13.0-17.0)	40-52 (5.0-6.5)	5.0-5.5	1.13	-0.15

● MAGNETIC PROPERTIES OF RUBBER / FLEXIBLE

Grade No	Max Energy Product		Residual Induction B_r		Coercive Force H_c		Intrinsic Coercive Force H_{ci}	
	MGOe	KJ/m ³	gauss	kmT	oersteds	kA/m	oersteds	kA/m
Isotropic	0.65-0.80		1800-2000		1300-1500		1600-2100	
An Isotropic	1.30-1.50		2350-2550		2100-2300		2900-3300	