

# Injection NdFeB bonded

## Injection NdFeB bonded magnet compound

Injecting plastic rare earth permanent magnet, which has excellent composite performance can be used in the industry of computer, subminiature motor, air-conditioning motor and all kinds of brushless motor, auto instruments, automatic control systems, acoustics equipments, magnetic therapy device etc.

Importing high technology, and endeavoring to develop new products, the technology cooperation relationships has established and there is trade corporation friendly with dozens of company of home and abroad, keeping leading position in domestic.



P/N	NBI-4	NBI-6	NBI-6M	NBI-8
Br (mT)	400-490	490-570	480-560	570-630
bHc(kA/m)	256-312	312-384	336-400	382-430
iHc(kA/m)	576-736	640-800	960-1360	680-840
(BH)max(kJ/m <sup>3</sup> )	28-36	40-56	44-60	60-68
Recoil permeability $\mu_r$	1.1-1.22	1.1-1.22	1.1-1.22	1.1-1.22
Recoil temperature coefficient of Br. (%/ °C)	-0.10 (15-100 °C)	-0.09 (15-100 °C)	-0.10 (15-100 °C)	-0.10 (15-100 °C)
Magnetizing field (Ka/m)	≥ 1592	≥ 1592	≥ 1990	≥ 1592
Density(g/cm <sup>3</sup> )	4.0-4.5	4.5-5.5	5.0-5.5	5.0-5.5
Ring crushing strength constant (N/mm <sup>2</sup> )	> 78	> 78	> 78	> 78

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