

## Sintered NdFeB Grades

| Grade | Br<br>kGs | Hcb<br>kOe | Hci<br>kOe | (BH)max<br>MGOe | Density<br>g/cm <sup>3</sup> | Max<br>working<br>Temp °C |
|-------|-----------|------------|------------|-----------------|------------------------------|---------------------------|
| N30AH | 10.8      | 10.2       | 35         | 30              | 7.8                          | 220                       |
| N33AH | 11.2      | 10.5       | 35         | 33              | 7.8                          | 220                       |
| N35AH | 11.8      | 11.0       | 35         | 35              | 7.8                          | 220                       |
| N30EH | 10.8      | 10.2       | 30         | 30              | 7.7                          | 200                       |
| N33EH | 11.2      | 10.5       | 30         | 33              | 7.7                          | 200                       |
| N35EH | 11.8      | 11.0       | 30         | 35              | 7.7                          | 200                       |
| N38EH | 12.2      | 11.4       | 30         | 38              | 7.7                          | 200                       |
| N30UH | 10.8      | 10.2       | 25         | 30              | 7.6                          | 180                       |
| N33UH | 11.2      | 10.5       | 25         | 33              | 7.6                          | 180                       |
| N35UH | 11.8      | 11.0       | 25         | 35              | 7.6                          | 180                       |
| N38UH | 12.2      | 11.4       | 25         | 38              | 7.6                          | 180                       |
| N40UH | 12.5      | 11.6       | 25         | 40              | 7.6                          | 180                       |
| N33SH | 11.2      | 10.5       | 20         | 33              | 7.5                          | 150                       |
| N35SH | 11.8      | 11.0       | 20         | 35              | 7.5                          | 150                       |
| N38SH | 12.2      | 11.4       | 20         | 38              | 7.5                          | 150                       |
| N40SH | 12.5      | 11.6       | 20         | 40              | 7.5                          | 150                       |
| N42SH | 12.8      | 11.6       | 20         | 42              | 7.5                          | 150                       |
| N45SH | 13.2      | 11.6       | 20         | 45              | 7.5                          | 150                       |
| N35H  | 11.8      | 10.9       | 17         | 35              | 7.4                          | 120                       |
| N38H  | 12.2      | 11.3       | 17         | 38              | 7.4                          | 120                       |
| N40H  | 12.5      | 11.6       | 17         | 40              | 7.5                          | 120                       |
| N42H  | 12.8      | 12.0       | 17         | 42              | 7.5                          | 120                       |
| N45H  | 13.2      | 12.5       | 17         | 45              | 7.5                          | 120                       |
| N48H  | 13.8      | 11.0       | 17         | 48              | 7.6                          | 120                       |
| N50H  | 14.3      | 13.0       | 17         | 50              | 7.6                          | 120                       |
| N35M  | 11.8      | 10.5       | 14         | 35              | 7.4                          | 100                       |
| N38M  | 12.2      | 11.0       | 14         | 38              | 7.4                          | 100                       |
| N40M  | 12.5      | 11.2       | 14         | 40              | 7.5                          | 100                       |
| N42M  | 12.8      | 12.0       | 14         | 42              | 7.5                          | 100                       |
| N45M  | 13.2      | 12.2       | 14         | 45              | 7.5                          | 100                       |
| N48M  | 13.8      | 13.0       | 14         | 48              | 7.6                          | 100                       |
| N50M  | 14.0      | 10.0       | 14         | 50              | 7.8                          | 100                       |
| N35   | 11.8      | 10.9       | 12         | 35              | 7.4                          | 80                        |
| N38   | 12.2      | 11.3       | 12         | 38              | 7.4                          | 80                        |
| N40   | 12.5      | 11.6       | 12         | 40              | 7.5                          | 80                        |
| N42   | 12.8      | 11.6       | 12         | 42              | 7.5                          | 80                        |
| N45   | 13.2      | 11.0       | 12         | 45              | 7.6                          | 80                        |
| N48   | 13.8      | 10.5       | 11         | 48              | 7.7                          | 80                        |
| N50   | 14.0      | 10.0       | 11         | 50              | 7.8                          | 80                        |
| N52   | 14.4      | 10.5       | 11         | 52              | 7.8                          | 80                        |

Coating: Ni, Zn, Ni-Cu-Ni, Black Epoxy, Clear Cellulose

Shape: Block, Disc, Ring, Arc