

# Neodymium Iron Boron Magnet Catalog

## Summary Product List & Reference Guide Basic Grades

瓦恩默  
电气集团

### 钕铁硼磁材牌号列表

Applications: Automobile, servo motor, wind power, household appliances, elevator, IT field, electroacoustic, nuclear magnetic resonance and other fields  
应用: 汽车、伺服电机, 风电, 家用电器, 电梯, IT领域, 电声, 核磁共振等领域



Properties	B <sub>r</sub>		H <sub>cb</sub>		H <sub>cj</sub>		(BH) <sub>max</sub>		Temp. Coef.		T <sub>w</sub>
	Typical mT	Typical gauss	min kA/m	min oersteds	min kA/m	min oersteds	Typical kJ/m <sup>3</sup>	Typical MGOe	α(B <sub>r</sub> ) %/°C	α(H <sub>cj</sub> ) %/°C	max °C
N35	1210	12100	860	10800	955	12000	282.5	35	-0.12	-0.618	80
N38	1260	12600	860	10800	955	12000	306	38	-0.12	-0.618	80
N40	1270	12700	923	11600	955	12000	318	40	-0.12	-0.618	80
N42	1315	13150	860	10800	955	12000	334	42	-0.12	-0.618	80
N45	1350	13500	860	10800	955	12000	350	44	-0.12	-0.618	80
N48	1400	14000	836	10500	875	11000	374	47	-0.12	-0.618	80
N50	1425	14250	836	10500	875	11000	390	49	-0.12	-0.618	80
N52	1450	14500	836	10500	875	11000	406	51	-0.12	-0.618	60
N55	1490	14900	716	9000	876	11000	430	54	-0.15	-0.618	60
N33M	1175	11750	836	10500	1114	14000	267	34	-0.12	-0.595	100
N35M	1210	12100	868	10900	1114	14000	282.5	35	-0.12	-0.595	100
N38M	1260	12600	899	11300	1114	14000	306.5	39	-0.12	-0.595	100
N40M	1270	12700	923	11600	1114	14000	322	40	-0.12	-0.595	100
N42M	1315	13150	955	12000	1114	14000	338	42	-0.12	-0.595	100
N45M	1350	13500	971	12200	1114	14000	354	44	-0.12	-0.595	100
N48M	1395	13950	995	12500	1114	14000	378	48	-0.12	-0.595	100
N30H	1105	11050	796	10000	1353	17000	235	30	-0.12	-0.572	120
N33H	1175	11750	836	10500	1353	17000	267	34	-0.12	-0.572	120
N35H	1210	12100	868	10900	1353	17000	282.5	35	-0.12	-0.572	120
N38H	1260	12600	899	11300	1353	17000	306.5	39	-0.12	-0.572	120
N40H	1270	12700	923	11600	1353	17000	322	40	-0.12	-0.572	120
N42H	1300	13000	955	12000	1353	17000	330	41	-0.12	-0.572	120
N45H	1350	13500	971	12200	1353	17000	354	44	-0.12	-0.572	120
N48H	1390	13900	1011	12700	1273	16000	378	48	-0.12	-0.572	120
N50H	1425	14250	836	10500	1273	16000	390	49	-0.12	-0.618	140
N30SH	1125	11250	811	10200	1592	20000	243	31	-0.12	-0.549	150
N33SH	1175	11750	844	10600	1592	20000	267	34	-0.12	-0.549	150
N35SH	1210	12100	876	11000	1592	20000	282.5	35	-0.12	-0.549	150
N38SH	1260	12600	907	11400	1592	20000	306.5	39	-0.12	-0.549	150
N40SH	1270	12700	939	11800	1592	20000	322	40	-0.12	-0.549	150
N42SH	1310	13100	955	12000	1592	20000	330	41	-0.12	-0.549	150
N45SH	1350	13500	979	12300	1592	20000	354	44	-0.12	-0.549	150
N48SH	1390	13900	995	12500	1512	19000	378	48	-0.12	-0.572	150
N28UH	1075	10750	764	9600	1990	25000	227	29	-0.12	-0.51	180
N30UH	1125	11250	812	10200	1990	25000	243	31	-0.12	-0.51	180
N33UH	1175	11750	852	10700	1990	25000	267	34	-0.12	-0.51	180
N35UH	1210	12100	860	10800	1990	25000	282.5	35	-0.12	-0.51	180
N38UH	1260	12600	876	11000	1990	25000	306.5	39	-0.12	-0.51	180
N40UH	1270	12700	915	11500	1990	25000	318	40	-0.12	-0.51	180