

# Sintered Neodymium Magnet

## Magnetic Properties

Grade		Remanence		Coercivity		Intrinsic Coercivity		Max Energy Product		Working Temp
		(Br)		(HcB)		(HcJ)		(BH) max		Tw
		KGs	T	KOe	KA/m	KOe	KA/m	MGOe	KJ/m³	°C
N Series	N35	11.7-12.2	1.17-1.22	≥10.9	≥868	≥12	≥955	33-36	263-287	≤80
	N38	12.2-12.5	1.22-1.25	≥11.3	≥899	≥12	≥955	36-39	287-310	≤80
	N40	12.5-12.8	1.25-1.28	≥11.4	≥907	≥12	≥955	38-41	302-326	≤80
	N42	12.8-13.2	1.28-1.32	≥11.5	≥915	≥12	≥955	40-43	318-342	≤80
	N45	13.2-13.8	1.32-1.38	≥11.6	≥923	≥12	≥955	43-46	342-366	≤80
	N48	13.8-14.2	1.38-1.42	≥11.6	≥923	≥12	≥955	46-49	366-390	≤80
	N50	14.0-14.5	1.40-1.45	≥10.0	≥796	≥11	≥876	48-51	382-406	≤60
	N52	14.3-14.8	1.43-1.48	≥10.0	≥796	≥11	≥876	50-53	398-422	≤60
M Series	35M	11.7-12.2	1.17-1.22	≥10.9	≥868	≥14	≥1114	33-36	263-287	≤100
	38M	12.2-12.5	1.22-1.25	≥11.3	≥899	≥14	≥1114	36-39	287-310	≤100
	40M	12.5-12.8	1.25-1.28	≥11.6	≥923	≥14	≥1114	38-40	302-326	≤100
	42M	12.8-13.2	1.28-1.32	≥12.0	≥955	≥14	≥1114	40-43	318-342	≤100
	45M	13.2-13.8	1.32-1.38	≥12.5	≥955	≥14	≥1114	43-46	342-366	≤100
	48M	13.6-14.3	1.36-1.43	≥12.9	≥1027	≥14	≥1114	46-49	366-390	≤100
	50M	14.0-14.5	1.40-1.45	≥13.0	≥1033	≥14	≥1114	48-51	382-406	≤100
	52M	14.3-14.8	1.43-1.48	≥13.0	≥995	≥14	≥1114	50-52	398-414	≤100
H Series	33H	11.3-11.7	1.13-1.17	≥10.6	≥844	≥17	≥1353	31-34	263-287	≤120
	35H	11.7-12.2	1.17-1.21	≥10.9	≥869	≥17	≥1353	33-36	263-287	≤120
	38H	12.2-12.5	1.22-1.25	≥11.3	≥899	≥17	≥1353	36-39	287-310	≤120
	40H	12.5-12.8	1.25-1.28	≥11.6	≥923	≥17	≥1353	38-41	302-326	≤120
	42H	12.8-13.2	1.28-1.32	≥12.0	≥955	≥17	≥1353	40-43	318-342	≤120
	45H	13.0-13.6	1.30-1.36	≥12.1	≥963	≥17	≥1353	43-46	326-358	≤120
	48H	13.7-14.3	1.37-1.43	≥12.5	≥955	≥17	≥1274	46-49	366-390	≤120
SH Series	30SH	10.8-11.3	1.08-1.13	≥10.1	≥804	≥20	≥1592	28-31	233-247	≤150
	33SH	11.3-11.7	1.13-1.17	≥10.6	≥844	≥20	≥1592	31-34	247-271	≤150
	35SH	11.7-12.2	1.17-1.22	≥11.0	≥876	≥20	≥1592	33-36	263-287	≤150
	38SH	12.2-12.5	1.22-1.25	≥11.4	≥907	≥20	≥1592	36-39	287-310	≤150
	40SH	12.5-12.8	1.25-1.28	≥11.8	≥939	≥20	≥1592	38-41	302-326	≤150
	42SH	12.8-13.2	1.28-1.32	≥12.4	≥987	≥20	≥1592	40-43	318-342	≤150
	45SH	13.2-13.8	1.32-1.38	≥12.6	≥1003	≥20	≥1592	43-46	342-366	≤150
	48SH	13.7-14.3	1.37-1.43	≥12.6	≥1003	≥20	≥1592	46-49	366-390	≤150
UH Series	30UH	10.8-11.3	1.08-1.13	≥10.2	≥812	≥25	≥1990	28-31	223-247	≤180
	33UH	11.3-11.7	1.13-1.17	≥10.7	≥852	≥25	≥1990	31-34	247-271	≤180
	35UH	11.7-12.2	1.17-1.22	≥10.8	≥860	≥25	≥1990	33-36	263-287	≤180
	38UH	12.2-12.5	1.22-1.25	≥11.0	≥876	≥25	≥1990	36-39	287-310	≤180
	40UH	12.4-12.8	1.24-1.28	≥11.3	≥915	≥25	≥1990	38-41	302-326	≤180
	42UH	12.8-13.2	1.28-1.32	≥11.3	≥971	≥25	≥1990	40-43	318-342	≤180

<b>EH Series</b>	<b>30EH</b>	10.8-11.3	1.08-1.13	≥10.2	≥812	≥30	≥2388	28-31	223-247	≤200
	<b>33EH</b>	11.3-11.7	1.13-1.17	≥10.5	≥836	≥30	≥2388	31-34	247-271	≤200
	<b>35EH</b>	11.7-12.2	1.17-1.22	≥11.0	≥876	≥30	≥2388	33-36	263-287	≤200
	<b>38EH</b>	12.2-12.5	1.22-1.25	≥11.3	≥899	≥30	≥2388	36-39	287-310	≤200
<b>AH Series</b>	<b>30AH</b>	10.2-10.8	1.02-1.08	≥10.1	≥804	≥35	≥2706	28-30	223-247	≤220
	<b>33AH</b>	11.4-11.7	1.14-1.17	≥10.6	≥844	≥35	≥2706	31-33	247-263	≤220
	<b>35AH</b>	11.7-12.1	1.17-1.21	≥10.9	≥876	≥35	≥2706	33-36	263-279	≤220