

## STANDARD SINTERED NdFeB

### Standard Parameters of Magnetic Energy (23±3°C)

Grade	Br				Hcb		Hcj		(BH)max				Rev. Temp. Coef.			Rev. Density g/cm <sup>3</sup>
	Min		Max		kOe	kA/m	kOe	kA/m	Min		Max		α (Br) %/°C	β (Hcj) %/°C	Max Temp. °C	
	T	kGs	T	kGs					MGOe	kJ/m <sup>3</sup>	MGOe	kJ/m <sup>3</sup>				
N33	1.13	11.3	1.18	11.8	≥10.8	≥861	≥12	≥955	31	247	34	271	-0.12	-0.70	≤80	7.50
N35	1.18	11.8	1.24	12.4	≥10.8	≥861	≥12	≥955	33	263	36	287	-0.12	-0.70	≤80	7.50
N38	1.23	12.3	1.28	12.8	≥10.8	≥861	≥12	≥955	36	287	39	310	-0.12	-0.70	≤80	7.50
N40	1.27	12.7	1.30	13.0	≥11.3	≥901	≥12	≥955	38	302	42	334	-0.12	-0.70	≤80	7.55
N42	1.29	12.9	1.34	13.4	≥11.3	≥901	≥12	≥955	40	318	44	350	-0.12	-0.70	≤80	7.55
N45	1.33	13.3	1.37	13.7	≥11.3	≥901	≥12	≥955	42	334	46	366	-0.12	-0.70	≤80	7.55
N48	1.36	13.6	1.41	14.1	≥11.3	≥901	≥12	≥955	46	366	49	390	-0.12	-0.70	≤80	7.55
N50	1.40	14.0	1.43	14.3	≥10.8	≥861	≥11.5	≥915	47	374	50	398	-0.12	-0.70	≤80	7.60
N52	1.42	14.2	1.44	14.4	≥10.8	≥861	≥11.5	≥915	49	390	52	414	-0.12	-0.70	≤80	7.60
N54	1.44	14.4	1.47	14.7	≥10.8	≥861	≥11.5	≥915	52	414	55	438	-0.12	-0.70	≤80	7.60
N35M	1.18	11.8	1.24	12.4	≥11.0	≥877	≥14	≥1114	33	263	36	287	-0.12	-0.68	≤100	7.50
N38M	1.23	12.3	1.28	12.8	≥11.5	≥917	≥14	≥1114	36	287	40	318	-0.12	-0.68	≤100	7.50
N40M	1.27	12.7	1.30	13.0	≥11.9	≥948	≥14	≥1114	38	302	42	334	-0.12	-0.68	≤100	7.55
N42M	1.29	12.9	1.34	13.4	≥12.2	≥972	≥14	≥1114	40	318	44	350	-0.12	-0.68	≤100	7.55
N45M	1.33	13.3	1.37	13.7	≥12.5	≥996	≥14	≥1114	42	334	46	366	-0.11	-0.68	≤100	7.55
N48M	1.36	13.6	1.41	14.1	≥13.0	≥1036	≥14	≥1114	45	358	49	390	-0.11	-0.68	≤100	7.60
N50M	1.40	14.0	1.43	14.3	≥13.3	≥1060	≥14	≥1114	47	374	51	406	-0.11	-0.68	≤100	7.60
N52M	1.42	14.2	1.45	14.5	≥13.5	≥1020	≥14	≥1114	49	390	52	414	-0.11	-0.68	≤100	7.60
N35H	1.18	11.8	1.24	12.4	≥11.0	≥877	≥17	≥1353	33	263	37	295	-0.12	-0.65	≤120	7.55
N38H	1.23	12.3	1.28	12.8	≥11.5	≥917	≥17	≥1353	36	287	40	318	-0.12	-0.65	≤120	7.55
N40H	1.27	12.7	1.30	13.0	≥11.9	≥948	≥17	≥1353	38	302	42	334	-0.11	-0.65	≤120	7.55
N42H	1.29	12.9	1.34	13.4	≥12.2	≥972	≥17	≥1353	40	318	44	350	-0.11	-0.65	≤120	7.55
N45H	1.33	13.3	1.37	13.7	≥12.5	≥996	≥17	≥1353	42	334	46	366	-0.11	-0.65	≤120	7.60
N48H	1.36	13.6	1.41	14.1	≥13.0	≥1036	≥17	≥1353	45	358	49	390	-0.11	-0.65	≤120	7.60
N50H	1.40	14.0	1.43	14.3	≥13.3	≥1060	≥16	≥1274	47	374	51	406	-0.11	-0.65	≤120	7.60
N52H	1.42	14.2	1.45	14.5	≥13.5	≥1075	≥16	≥1274	49	390	52	414	-0.11	-0.65	≤120	7.60
N35SH	1.18	11.8	1.24	12.4	≥11.0	≥877	≥20	≥1592	33	263	37	295	-0.11	-0.60	≤150	7.55
N38SH	1.23	12.3	1.28	12.8	≥11.5	≥917	≥20	≥1592	36	287	40	318	-0.11	-0.60	≤150	7.55
N40SH	1.27	12.7	1.30	13.0	≥11.9	≥948	≥20	≥1592	38	302	42	334	-0.11	-0.58	≤150	7.60
N42SH	1.29	12.9	1.34	13.4	≥12.2	≥972	≥20	≥1592	40	318	44	350	-0.11	-0.58	≤150	7.60
N45SH	1.33	13.3	1.37	13.7	≥12.5	≥996	≥20	≥1592	42	334	46	366	-0.11	-0.58	≤150	7.60
N48SH	1.36	13.6	1.41	14.1	≥13.0	≥1036	≥19	≥1512	45	358	49	390	-0.10	-0.58	≤150	7.60
N50SH	1.40	14.0	1.43	14.3	≥13.3	≥1060	≥19	≥1512	47	374	51	406	-0.10	-0.58	≤150	7.60
N33UH	1.13	11.3	1.18	11.8	≥10.8	≥861	≥25	≥1990	31	247	35	279	-0.11	-0.55	≤180	7.60
N35UH	1.18	11.8	1.24	12.4	≥11.0	≥877	≥25	≥1990	33	263	37	295	-0.11	-0.55	≤180	7.60
N38UH	1.23	12.3	1.28	12.8	≥11.5	≥917	≥25	≥1990	36	287	40	318	-0.11	-0.55	≤180	7.60
N40UH	1.27	12.7	1.30	13.0	≥11.9	≥948	≥25	≥1990	38	302	42	334	-0.10	-0.55	≤180	7.60
N42UH	1.29	12.9	1.34	13.4	≥12.2	≥972	≥25	≥1990	40	318	44	350	-0.10	-0.55	≤180	7.66
N45UH	1.33	13.3	1.37	13.7	≥12.5	≥996	≥24	≥1910	42	334	46	366	-0.10	-0.55	≤180	7.66
N48UH	1.36	13.6	1.41	14.1	≥13.0	≥1036	≥24	≥1910	45	358	49	390	-0.10	-0.55	≤180	7.66
N33EH	1.13	11.3	1.18	11.8	≥10.8	≥861	≥30	≥2388	31	247	35	279	-0.10	-0.50	≤200	7.60
N35EH	1.18	11.8	1.24	12.4	≥11.0	≥877	≥30	≥2388	33	263	37	295	-0.10	-0.50	≤200	7.65
N38EH	1.23	12.3	1.28	12.8	≥11.5	≥917	≥30	≥2388	36	287	40	318	-0.10	-0.50	≤200	7.65
N40EH	1.27	12.7	1.30	13.0	≥11.9	≥948	≥30	≥2388	38	302	42	334	-0.10	-0.50	≤200	7.65
N30AH	1.08	10.8	1.13	11.3	≥10.2	≥805	≥35	≥2790	28	223	32	255	-0.10	-0.45	≤250	7.65
N33AH	1.13	11.3	1.18	11.8	≥10.7	≥853	≥35	≥2790	31	247	35	279	-0.10	-0.45	≤250	7.65
N35AH	1.18	11.8	1.24	12.4	≥11.0	≥877	≥35	≥2790	33	263	37	295	-0.10	-0.45	≤250	7.65