Neodymium magnets magnetic characteristics

Grade	Remanence Br	Coercive Force HcB	Intrinsic Coercive Force Hcj	Max. Energy kJ/m^3	Max. Working Temp. ˚c
	min. typical	KA/m min.	KA/m min.	min. typical	recommended
N35	1.17-1.22	≥868	≥955	263-287	80
N38	1.22-1.25	≥899	≥955	287-310	80
N40	1.25-1.28	≥923	≥955	302-326	80
N42	1.28-1.32	≥923	≥955	318-342	80
N45	1.32-1.38	≥876	≥955	342-366	80
N48	1.38-1.42	≥836	≥876	366-390	80
N50	1.40-1.45	≥860	≥876	382-406	80
N52	1.43-1.48	≥860	≥876	398-422	80
N55	1.47-1.53	≥860	≥876	414-438	80
N35M	1.17-1.22	≥868	≥1114	263-287	100
N38M	1.22-1.25	≥899	≥1114	287-310	100
N40M	1.25-1.28	≥923	≥1114	302-326	100
N42M	1.28-1.32	≥955	≥1114	318-342	100
N45M	1.32-1.38	≥955	≥1114	342-366	100
N48M	1.37-1.43	≥1027	≥1114	366-390	100
N50M	1.40-1.45	≥1033	≥1114	382-406	100
N30H	1.08-1.13	≥796	≥1353	223-247	120
N33H	1.13-1.17	≥836	≥1353	247-271	120
N35H	1.17-1.22	≥868	≥1353	263-287	120
N38H	1.22-1.25	≥899	≥1353	287-310	120
N40H	1.25-1.28	≥923	≥1353	302-326	120
N42H	1.28-1.32	≥955	≥1353	318-342	120
N45H	1.32-1.38	≥963	≥1353	342-366	120
N48H	1.37-1.43	≥995	≥1274	366-390	120
N30SH	1.08-1.13	≥804	≥1592	223-247	150
N33SH	1.13-1.17	≥844	≥1592	247-271	150
N35SH	1.17-1.22	≥876	≥1592	263-287	150
N38SH	1.22-1.25	≥907	≥1592	287-310	150
N40SH	1.25-1.28	≥939	≥1592	302-326	150
N42SH	1.28-1.32	≥995	≥1592	318-342	150
N45SH	1.32-1.38	≥1003	≥1592	342-366	150
N28UH	1.05-1.08	≥764	≥1990	207-231	150
N30UH	1.08-1.13	≥812	≥1990	223-247	150 ≥
N33UH	1.13-1.17	≥852	≥1990	247-271	150 ≥
N35UH	1.17-1.22	≥860	≥1990	263-287	150 ≥
N38UH	1.22-1.25	≥907	≥1990	287-310	150 ≥
N40UH	1.25-1.28	≥930	≥1990	302-326	150 ≥
N28EH	1.04-1.09	≥780	≥2388	207-231	200 ≥
N30EH	1.08-1.13	≥812	≥2388	223-247	200 ≥
N33EH	1.13-1.17	≥812	≥2388	247-271	200 ≥
N35EH	1.17-1.22	≥876	≥2388	263-287	200 ≥
N38EH	1.22-1.25	≥907	≥2220	287-310	200 ≥
N30AH	1.08-1.13	≥812	≥2785	223-255	240 ≥
N33AH	1.13-1.17	≥812	≥2785	247-271	240 ≥

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