



Neodymium magnets magnetic characteristics

Grade (Dy free)	Grade (Dy less)	Remanence Br	Coercive Force HcB	Intrinsic Coercive Force Hcj	Max. Energy	Max. Working Temp. °c
		mT	KA/m min.	KA/m min.	min. Typical	Recommended
N35DF		1.17-1.22	≥868	≥955	263-287	80
N38DF		1.22-1.26	≥899	≥955	287-310	80
N40DF		1.25-1.30	≥923	≥955	302-326	80
N42DF		1.30-1.33	≥923	≥955	318-342	80
N45DF		1.32-1.38	≥876	≥955	342-366	80
N48DF		1.38-1.42	≥836	≥876	366-390	80
N50DF		1.40-1.45	≥860	≥876	382-406	80
N52DF		1.43-1.48	≥860	≥876	398-422	80
	N55DL	1.47-1.53	≥860	≥876	414-438	80
N35MDF		1.17-1.22	≥868	≥1114	263-287	100
N38MDF		1.22-1.25	≥899	≥1114	287-310	100
N40MDF		1.26-1.30	≥923	≥1114	302-326	100
N42MDF		1.30-1.33	≥955	≥1114	318-342	100
N45MDF		1.33-1.38	≥955	≥1114	342-366	100
N48MDF		1.38-1.42	≥1027	≥1114	366-390	100
N50MDF		1.40-1.45	≥1035	≥1114	382-406	100
	N52MDL	1.43-1.48	≥1035	≥1114	398-422	100
N30HDF		1.08-1.13	≥796	≥1353	223-247	120
N33HDF		1.13-1.17	≥836	≥1353	247-271	120
N35HDF		1.17-1.22	≥868	≥1353	263-287	120
N38HDF		1.22-1.25	≥899	≥1353	287-310	120
N40HDF		1.25-1.28	≥940	≥1353	302-326	120
N42HDF		1.28-1.32	≥995	≥1353	318-342	120
N45HDF		1.32-1.38	≥1010	≥1353	342-366	120
N48HDF		1.37-1.43	≥1035	≥1274	366-390	120
	N50HDL	1.40-1.45	≥1035	≥1274	382-406	120
N30SHDF		1.08-1.13	≥804	≥1600	223-247	150
N33SHDF		1.13-1.17	≥844	≥1600	247-271	150
N35SHDF		1.17-1.22	≥876	≥1600	263-287	150
	N38SHDL	1.22-1.25	≥907	≥1600	287-310	150
	N40SHDL	1.25-1.28	≥939	≥1600	302-326	150
	N42SHDL	1.28-1.32	≥995	≥1600	318-342	150
	N45SHDL	1.32-1.38	≥1003	≥1600	342-366	150
	N48SHDL	1.37-1.43	≥1003	≥1600	366-390	150
	N28UHDL	1.02-1.08	≥764	≥2000	207-231	180
	N30UHDL	1.08-1.13	≥812	≥2000	223-247	180
	N33UHDL	1.13-1.17	≥852	≥2000	247-271	180
	N35UHDL	1.17-1.22	≥860	≥2000	263-287	180
	N38UHDL	1.22-1.26	≥907	≥2000	287-310	180
	N40UHDL	1.25-1.28	≥907	≥2000	302-326	180
	N42UHDL	1.28-1.32	≥907	≥2000	318-342	180
	N44UHDL	1.31-1.35	≥1003	≥2000	334-258	180
	N28EHDL	1.04-1.09	≥780	≥2400	207-231	200
	N30EHDL	1.08-1.13	≥812	≥2400	223-247	200
	N33EHDL	1.13-1.17	≥812	≥2400	247-271	200
	N35EHDL	1.17-1.22	≥876	≥2400	263-287	200
	N38EHDL	1.22-1.25	≥907	≥2400	287-310	200
	N40EHDL	1.24-1.28	≥907	≥2400	302-326	200
	N42EHDL	1.28-1.32	≥960	≥2400	318-342	200
	N30AHDL	1.08-1.13	≥812	≥2785	223-255	240
	N33AHDL	1.13-1.17	≥812	≥2785	247-271	240
	N35AHDL	1.17-1.22	≥812	≥2785	263-287	240
	N38AHDL	1.22-1.25	≥907	≥2706	287-310	240