

希土類ネオジム磁石 特性一覧表

グレード	残留磁束密度 (Br)		保磁力 (Hcb)		保磁力 (Hcj)		最大エネルギー積 (BHmax)		使用限界温度
	m T	k G s	k A / m	k O e	k A / m	k O e	k J / m ³	M G O e	°C
N28	1040-1090	10.4-10.9	796	10.0	955	12.0	199-223	25-28	80
N30	1080-1130	10.8-11.3	796	10.0	955	12.0	223-247	28-31	80
N33	1130-1170	11.3-11.7	836	10.5	955	12.0	247-271	31-34	80
N35	1170-1220	11.7-12.2	868	10.9	955	12.0	263-287	33-36	80
N38	1220-1250	12.2-12.5	899	11.3	955	12.0	287-310	36-39	80
N40	1250-1280	12.5-12.8	923	11.6	955	12.0	302-326	38-41	80
N42	1280-1320	12.8-13.2	923	11.6	955	12.0	318-342	40-43	80
N45	1320-1370	13.2-13.7	876	11.0	955	12.0	342-366	43-46	80
N48	1370-1420	13.7-14.2	892	11.2	955	12.0	366-390	46-49	80
N50	1390-1440	13.9-14.4	836	10.5	955	12.0	374-406	47-51	80
N52	1420-1470	14.2-14.7	836	10.5	876	11.0	390-422	49-53	60
N55	1460-1520	14.6-15.2	716	9.0	876	11.0	414-446	52-56	60
N30M	1080-1130	10.8-11.3	796	10.0	1114	14.0	223-247	28-31	100
N33M	1130-1170	11.3-11.7	836	10.5	1114	14.0	247-271	31-34	100
N35M	1170-1220	11.7-12.2	868	10.9	1114	14.0	263-287	33-36	100
N38M	1220-1250	12.2-12.5	899	11.3	1114	14.0	287-310	36-39	100
N40M	1250-1280	12.5-12.8	923	11.6	1114	14.0	302-326	38-41	100
N42M	1280-1320	12.8-13.2	955	12.0	1114	14.0	318-342	40-43	100
N45M	1320-1370	13.2-13.7	955	12.5	1114	14.0	342-366	43-46	100
N48M	1370-1420	13.7-14.2	1019	12.8	1114	14.0	358-390	45-49	100
N50M	1390-1440	13.9-14.4	1035	13.0	1114	14.0	374-406	47-51	100
N52M	1420-1470	14.2-14.7	995	12.5	1035	13.0	390-422	49-53	90
N30H	1080-1130	10.8-11.3	796	10.0	1353	17.0	223-247	28-31	120
N33H	1130-1170	11.3-11.7	836	10.5	1353	17.0	247-271	31-34	120
N35H	1170-1220	11.7-12.2	868	10.9	1353	17.0	263-287	33-36	120
N38H	1220-1250	12.2-12.5	899	11.3	1353	17.0	287-310	36-39	120
N40H	1250-1280	12.5-12.8	923	11.6	1353	17.0	302-326	38-41	120
N42H	1280-1320	12.8-13.2	955	12.0	1353	17.0	318-342	40-43	120
N45H	1320-1370	13.2-13.7	971	12.2	1353	17.0	342-366	43-46	120
N48H	1370-1420	13.7-14.2	1027	12.9	1353	17.0	358-390	45-49	120
N50H	1390-1440	13.9-14.4	1035	13.0	1274	16.0	374-406	47-51	110
N30SH	1080-1130	10.8-11.3	804	10.1	1592	20.0	223-247	28-31	150
N33SH	1130-1170	11.3-11.7	844	10.6	1592	20.0	247-271	31-34	150
N35SH	1170-1220	11.7-12.2	876	11.0	1592	20.0	263-287	33-36	150
N38SH	1220-1250	12.2-12.5	907	11.4	1592	20.0	287-310	36-39	150
N40SH	1250-1280	12.5-12.8	939	11.8	1592	20.0	302-326	38-41	150
N42SH	1280-1320	12.8-13.2	971	12.2	1592	20.0	318-342	40-43	150
N45SH	1320-1370	13.2-13.7	979	12.3	1592	20.0	342-366	43-46	150
N48SH	1370-1420	13.7-14.2	995	12.5	1512	19.0	358-390	45-49	140
N28UH	1020-1080	10.2-10.8	764	9.6	1990	25.0	207-231	26-29	180
N30UH	1080-1130	10.8-11.3	812	10.2	1990	25.0	223-247	28-31	180
N33UH	1130-1170	11.3-11.7	825	10.7	1990	25.0	247-271	31-34	180
N35UH	1170-1220	11.7-12.2	860	10.8	1990	25.0	263-287	33-36	180
N38UH	1220-1250	12.2-12.5	876	11.0	1990	25.0	287-310	36-39	180
N40UH	1250-1280	12.5-12.8	915	11.5	1990	25.0	302-326	38-41	180
N42UH	1280-1320	12.8-13.2	971	12.2	1990	25.0	310-342	39-43	180
N28EH	1040-1090	10.4-10.9	780	9.8	2388	30.0	207-231	26-29	200
N30EH	1080-1130	10.8-11.3	812	10.2	2388	30.0	223-247	28-31	200
N33EH	1130-1170	11.3-11.7	820	10.3	2388	30.0	247-271	31-34	200
N35EH	1170-1220	11.7-12.2	836	10.5	2388	30.0	263-287	33-36	200
N38EH	1220-1250	12.2-12.5	915	11.5	2388	30.0	279-310	35-39	200
N28AH	1020-1090	10.2-10.9	780	9.8	2706	34.0	199-231	25-29	220
N30AH	1070-1130	10.7-11.3	812	10.2	2706	34.0	215-247	27-31	220
N33AH	1110-1170	11.1-11.7	836	10.5	2706	34.0	239-271	30-34	220