UMAG

Technical data of sintered NdFeB

Material	Grade	Remanence		Coercive Force		Intrinsic Coercive		Maximum Energy product		Maximum working temp
		Br		Hcb		Hcj		(BH)max		Tw.
		mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m3	MGOe	（℃）
Sintered NdFeB	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	995	12.5	1114	14.0	342-366	43-46	100
	N48M	1360-1420	13.6-14.2	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	1360-1420	13.6-14.2	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	1360-1420	13.6-14.2	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	852	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	1270-1320	12.7-13.2	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