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Typical magnetic properties for Sintered NdFeB

Series	Grade	Br	bHc	iHc	Squareness	BHmax	Density	Br.Temp. Coefficient	Curie Temp. (L/D ≥ 0.7)	Working Temp.
		mT(KGs)	KA/m (KOe)	KA/m(KOe)	bHc/iHc	KJ/m3(MGOe)	g/cm3	%/°C	°C	°C
N	N35	1170-1210	≥860	≥955	≥0.85	263-287	7.4-7.6	-0.12(60°C)	310	≤80
		(11.7-12.1)	(≥10.8)	(≥12)		(33-36)				
	N38	1210-1250	≥899	≥955	≥0.85	287-310	7.5-7.7	-0.12(60°C)	310	≤80
		(12.1-12.5)	(≥11.3)	(≥12)		(36-37)				
	N40	1250-1280	≥923	≥955	≥0.85	302-326	7.5-7.7	-0.12(60°C)	310	≤80
		(12.5-12.8)	(≥11.6)	(≥12)		(38-41)				
	N42	1280-1320	≥923	≥955	≥0.85	318-342	7.5-7.7	-0.12(60°C)	310	≤80
		(12.8-13.2)	(≥11.6)	(≥12)		(40-43)				
	N45	1320-1380	≥876	≥955	≥0.85	342-366	7.5-7.7	-0.12(60°C)	310	≤80
		(13.2-13.8)	(≥11.0)	(≥12)		(43-46)				
	N48	1370-1420	≥836	≥876	≥0.85	366-390	7.5-7.7	-0.12(60°C)	310	≤80
		(13.7-14.2)	(≥10.5)	(≥11)		(46-49)				
	N50	1400-1450	≥836	≥876	≥0.85	366-390	7.5-7.7	-0.12(60°C)	310	≤80
		(14.0-14.5)	(≥10.5)	(≥11)		(47-51)				
M	33M	1130-1170	≥836	≥1114	≥0.85	247-263	7.5-7.7	-0.12(80°C)	320	≤100
		(11.3-11.7)	(≥10.5)	(≥14)		(31-33)				
	35M	1170-1210	≥868	≥1114	≥0.85	263-287	7.5-7.7	-0.12(80°C)	320	≤100
		(11.7-12.1)	(≥10.9)	(≥14)		(33-36)				
	38M	1210-1250	≥899	≥1114	≥0.85	287-310	7.5-7.7	-0.12(80°C)	320	≤100
		(12.1-12.5)	(≥11.3)	(≥14)		(36-37)				
	40M	1250-1280	≥923	≥1114	≥0.85	302-326	7.5-7.7	-0.12(80°C)	320	≤100
		(12.5-12.8)	(≥11.6)	(≥14)		(38-42)				
	42M	1280-1320	≥955	≥1114	≥0.85	318-342	7.5-7.7	-0.12(80°C)	320	≤100
		(12.8-13.2)	(≥12.0)	(≥14)		(40-44)				

	45M	1320-1380	≥ 994	≥ 1114	≥ 0.85	334-366	7.5-7.7	-0.12(80℃)	320	≤ 100
		(13.2-13.8)	(≥ 12.5)	(≥ 14)		(42-46)				
	48M	1370-1420	≥ 1019	≥ 1114	≥ 0.85	358-390	7.5-7.7	-0.12(80℃)	320	≤ 100
		(13.7-14.2)	(≥ 12.8)	(≥ 14)		(46-49)				
	50M	1400-1450	≥ 1042	≥ 1114	≥ 0.85	374-406	7.5-7.7	-0.12(80℃)	320	≤ 100
		(14.0-14.5)	(≥ 13.1)	(≥ 14)		(47-51)				
H	30H	1080-1130	≥ 810	≥ 1353	≥ 0.85	220-247	7.5-7.7	-0.10(100℃)	340	≤ 120
		(10.8-11.3)	(≥ 10.2)	(≥ 17)		(30-31)				
	33H	1130-1170	≥ 836	≥ 1353	≥ 0.85	247-263	7.5-7.7	-0.10(100℃)	340	≤ 120
		(11.3-11.7)	(≥ 10.5)	(≥ 17)		(31-33)				
	35H	1170-1210	≥ 868	≥ 1353	≥ 0.85	263-287	7.5-7.7	-0.10(100℃)	340	≤ 120
		(11.7-12.1)	(≥ 10.9)	(≥ 17)		(33-36)				
	38H	1210-1250	≥ 899	≥ 1353	≥ 0.85	287-310	7.5-7.7	-0.10(100℃)	340	≤ 120
		(12.1-12.5)	(≥ 11.3)	(≥ 17)		(36-37)				
	40H	1250-1280	≥ 923	≥ 1353	≥ 0.85	302-326	7.5-7.7	-0.10(100℃)	340	≤ 120
		(12.5-12.8)	(≥ 11.6)	(≥ 17)		(38-41)				
	42H	1280-1320	≥ 955	≥ 1353	≥ 0.85	318-342	7.5-7.7	-0.10(100℃)	340	≤ 120
		(12.8-13.2)	(≥ 12.0)	(≥ 17)		(40-43)				
	44H	1300-1370	≥ 963	≥ 1274	≥ 0.85	326-358	7.5-7.7	-0.10(100℃)	340	≤ 120
		(13.0-13.7)	(≥ 12.1)	(≥ 17)		(41-45)				
	46H	1320-1380	≥ 980	≥ 1274	≥ 0.85	342-374	7.5-7.7	-0.10(100℃)	340	≤ 120
		(13.2-13.8)	(≥ 12.3)	(≥ 17)		(43-47)				
	48H	1370-1430	≥ 995	≥ 1353	≥ 0.85	366-390	7.5-7.7	-0.10(100℃)	340	≤ 120
		(13.7-14.3)	(≥ 12.53)	(≥ 17)		(46-49)				
SH	30SH	1080-1130	≥ 810	≥ 1592	≥ 0.85	220-247	7.5-7.7	-0.10(100℃)	340	≤ 150
		(10.8-11.3)	(≥ 10.2)	(≥ 20)		(30-31)				
	33SH	1130-1170	≥ 844	≥ 1592	≥ 0.85	247-263	7.5-7.7	-0.10(100℃)	340	≤ 150
		(11.3-11.7)	(≥ 10.6)	(≥ 20)		(31-33)				
	35SH	1170-1210	≥ 876	≥ 1592	≥ 0.85	263-287	7.5-7.7	-0.10(100℃)	340	≤ 150
		(11.7-12.1)	(≥ 11.0)	(≥ 20)		(33-36)				
	38SH	1210-1250	≥ 907	≥ 1592	≥ 0.85	287-310	7.5-7.7	-0.10(100℃)	340	≤ 150
		(12.1-12.5)	(≥ 11.4)	(≥ 20)		(36-37)				
	40SH	1250-1280	≥ 939	≥ 1592	≥ 0.85	302-326	7.5-7.7	-0.10(100℃)	340	≤ 150
		(12.5-12.8)	(≥ 11.8)	(≥ 20)		(38-41)				
	42SH	1280-1320	≥ 955	≥ 1592	≥ 0.85	318-342	7.5-7.7	-0.10(100℃)	340	≤ 150
		(12.8-13.2)	(≥ 12.0)	(≥ 20)		(40-43)				

	45SH	1330-1380	≥ 971	≥ 1592	≥ 0.85	345-360	7.5-7.7	-0.10(100℃)	340	≤ 150
		(13.3-13.8)	≥ 12.2	(≥ 20)		(44-46)				
	48SH	1360-1420	≥ 995	≥ 1592	≥ 0.85	358-390	7.5-7.7	-0.10(100℃)	340	≤ 150
		(13.6-14.2)	≥ 12.5	(≥ 20)		(45-49)				
UH	28UH	1020-1080	≥ 764	≥ 1990	≥ 0.85	207-231	7.5-7.7	-0.10(100℃)	350	≤ 180
		(10.2-10.8)	(≥ 9.6)	(≥ 25)		(26-29)				
	30UH	1080-1130	≥ 812	≥ 1990	≥ 0.85	223-247	7.5-7.7	-0.10(100℃)	350	≤ 180
		(10.8-11.3)	(≥ 10.2)	(≥ 25)		(28-31)				
	33UH	1130-1190	≥ 852	≥ 1990	≥ 0.85	247-263	7.5-7.7	-0.10(100℃)	350	≤ 180
		(11.3-11.9)	(≥ 10.7)	(≥ 25)		(31-34)				
	35UH	1170-1230	≥ 875	≥ 1990	≥ 0.85	263-295	7.5-7.7	-0.10(100℃)	350	≤ 180
		(11.7-12.3)	(≥ 11.0)	(≥ 25)		(33-37)				
	38UH	1210-1250	≥ 915	≥ 1990	≥ 0.85	287-310	7.5-7.7	-0.10(100℃)	350	≤ 180
		(12.1-12.5)	(≥ 11.6)	(≥ 25)		(36-37)				
	40UH	1250-1280	≥ 836	≥ 1990	≥ 0.85	302-326	7.5-7.7	-0.10(100℃)	350	≤ 180
		(12.5-12.8)	(≥ 10.5)	(≥ 25)		(38-41)				
	42UH	1280-1320	≥ 836	≥ 1990	≥ 0.85	318-342	7.5-7.7	-0.10(100℃)	350	≤ 180
		(12.8-13.2)	(≥ 10.5)	(≥ 25)		(40-43)				
EH	28EH	1040-1090	≥ 780	≥ 2388	≥ 0.85	207-231	7.5-7.7	-0.10(100℃)	350	≤ 200
		(10.4-10.9)	(≥ 9.8)	(≥ 30)		(26-29)				
	30EH	1090-1170	≥ 812	≥ 2388	≥ 0.85	223-255	7.5-7.7	-0.10(100℃)	350	≤ 200
		(10.9-11.7)	(≥ 10.2)	(≥ 30)		(28-32)				
	33EH	1140-1220	≥ 851	≥ 2388	≥ 0.85	247-279	7.5-7.7	-0.10(100℃)	350	≤ 200
		(11.4-12.2)	(≥ 10.7)	(≥ 30)		(31-35)				
	35EH	1180-1250	≥ 875	≥ 2388	≥ 0.85	263-295	7.5-7.7	-0.10(100℃)	350	≤ 200
		(11.8-12.5)	(≥ 11.0)	(≥ 30)		(33-37)				
	38EH	1210-1290	≥ 923	≥ 2388	≥ 0.85	287-318	7.5-7.7	-0.10(100℃)	350	≤ 200
		(12.1-12.9)	(≥ 11.5)	(≥ 30)		(36-40)				
AH	28AH	1040-1090	≥ 764	≥ 2786	≥ 0.85	207-231	7.5-7.7	-0.09(100℃)	350	≤ 230
		(10.4-10.9)	(≥ 9.6)	(≥ 35)		(26-29)				
	30AH	1090-1170	≥ 804	≥ 2786	≥ 0.85	223-255	7.5-7.7	-0.09(100℃)	350	≤ 230
		(10.9-11.7)	(≥ 10.1)	(≥ 35)		(28-32)				
	33AH	1140-1220	≥ 852	≥ 2786	≥ 0.85	247-279	7.5-7.7	-0.09(100℃)	350	≤ 230
		(11.4-12.2)	(≥ 10.7)	(≥ 35)		(31-35)				
	35AH	1180-1250	≥ 868	≥ 2786	≥ 0.85	263-295	7.5-7.7	-0.09(100℃)	350	≤ 230
		(11.8-12.5)	(≥ 10.9)	(≥ 35)		(33-37)				