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LAMPIRAN

A. Data Sheet Magnet Neodymium

ARNOLD MAGNETIC TECHNOLOGIES

Neodymium-Iron-Boron Magnets
Summary Listing

Properties	Br		HcB		HcJ		BHmax		Temp. Coef.		Tw[1]
Grade	Typical mT	Typical gauss	min kA/m	min oersteds	min kA/m	min oersteds	Typical kJ/m3	Typical MGOe	Br %/°C	HcJ %/°C	max °C
N35	1195	11,950	867	10,900	955	12,000	275	35	-0.12	-0.62	80
N38	1235	12,350	867	10,900	955	12,000	299	38	-0.12	-0.62	80
N40	1265	12,650	867	10,900	955	12,000	314	40	-0.12	-0.62	80
N42	1300	13,000	867	10,900	955	12,000	330	42	-0.12	-0.62	80
N45	1350	13,500	867	10,900	955	12,000	354	45	-0.12	-0.62	80
N48	1400	14,000	867	10,900	955	12,000	378	48	-0.12	-0.62	80
N50	1425	14,250	836	10,500	955	12,000	394	50	-0.12	-0.62	80
N33M	1150	11,500	852	10,700	1114	14,000	255	33	-0.12	-0.60	100
N35M	1195	11,950	883	11,100	1114	14,000	275	35	-0.12	-0.60	100
N38M	1235	12,350	923	11,600	1114	14,000	299	38	-0.12	-0.60	100
N40M	1265	12,650	947	11,700	1114	14,000	314	40	-0.12	-0.60	100
N42M	1300	13,000	955	12,000	1114	14,000	330	42	-0.12	-0.60	100
N45M	1350	13,500	995	12,500	1114	14,000	354	45	-0.12	-0.60	100
N48M	1390	13,900	1027	12,900	1114	14,000	370	48	-0.12	-0.60	100
N27H	1040	10,400	764	9,600	1353	17,000	207	27	-0.12	-0.57	120
N30H	1105	11,050	796	10,000	1353	17,000	235	30	-0.12	-0.57	120
N33H	1150	11,500	836	10,500	1353	17,000	259	33	-0.12	-0.57	120
N35H	1195	11,950	883	11,100	1353	17,000	275	35	-0.12	-0.57	120
N38H	1235	12,350	923	11,600	1353	17,000	299	38	-0.12	-0.57	120
N40H	1265	12,650	947	11,900	1353	17,000	314	40	-0.12	-0.57	120
N42H	1300	13,000	963	12,100	1353	17,000	330	42	-0.12	-0.57	120
N45H	1350	13,500	955	12,000	1353	17,000	360	45	-0.12	-0.57	120
N48H	1390	13,900	1027	12,900	1353	17,000	374	48	-0.12	-0.57	120