

GENERAL MAGNETIC CO., LTD

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Properties of NdFeB Magnets

1.Many kinds of permanent magnet materials such as block, cylinder, ring, segment and irregular shapes can be supplied according to customers' requirements.

2.Delivery after magnetization in accordance with requirements on drawings.

3.Services as Zinc plating, Nickel plating, epoxy can be done according to clients' requirement.

Grade	Remanence Br(KGs)	Coercivity HcB(KOe)	Intrinsic Coercivity HcJ(KOe)	Max.Energy Product (BH)max.(MGOe)	Max.Operating Temp.(°C)
N33	11.3-11.8	10.3-11.6	≥12	31-33	80
N35	11.7-12.3	10.7-12.0	≥12	33-36	80
N38	12.1-12.7	10.8-12.4	≥12	36-40	80
N40	12.5-13.2	10.5-12.8	≥12	38-42	80
N42	12.9-13.5	10.5-13.2	≥12	40-44	80
N45	13.2-13.9	10.5-13.6	≥11	42-46	80
N48	13.6-14.3	10.5-14.0	≥11	45-49	80
N50	13.9-14.5	10.5-14.0	≥11	47-51	80
N52	14.2-14.8	10.5-13.5	≥11	49-53	80
33M	11.3-11.8	10.3-11.6	≥14	31-33	100
35M	11.7-12.3	10.7-12.0	≥14	33-36	100
38M	12.1-12.7	11.5-12.4	≥14	36-40	100
40M	12.5-13.2	11.8-12.8	≥14	38-42	100
42M	12.9-13.5	11.9-13.2	≥14	40-44	100
45M	13.2-13.9	12.4-13.6	≥14	42-46	100
48M	13.7-14.3	12.8-14.1	≥14	45-49	100
50M	13.9-14.5	13.1-14.3	≥14	47-51	100
33H	11.3-11.9	10.3-11.6	≥17	31-34	120
35H	11.7-12.3	10.9-12.0	≥17	33-37	120
38H	12.2-12.7	11.3-12.4	≥17	36-40	120
40H	12.5-13.2	11.6-12.8	≥17	38-42	120
42H	12.9-13.5	11.9-13.2	≥17	40-43	120
44H	13.0-13.7	12.1-13.8	≥17	41-45	120
46H	13.3-14.0	12.5-13.6	≥17	43-47	120
48H	13.6-14.3	12.7-13.8	≥17	45-49	120
30SH	10.8-11.5	9.9-11.2	≥20	28-32	150
33SH	11.3-11.9	10.3-11.6	≥20	31-34	150
35SH	11.7-12.3	10.7-12.0	≥20	33-36	150
38SH	12.1-12.7	11.0-12.4	≥20	36-39	150
40SH	12.6-13.2	11.5-12.8	≥20	38-40	150
42SH	12.9-13.5	11.9-13.2	≥20	38-42	150
44SH	13.2-13.7	12.5-13.6	≥20	41-45	150
45SH	13.3-13.9	12.5-13.8	≥20	42-46	150
28UH	10.3-10.9	9.5-11.0	≥25	27-31	180
30UH	10.8-11.7	10.0-11.2	≥25	28-32	180
33UH	11.3-11.9	10.7-11.6	≥25	31-35	180
35UH	11.7-12.3	10.8-12.0	≥25	33-36	180
38UH	12.1-12.9	11.0-12.6	≥25	36-40	180
40UH	12.5-13.3	11.0-13.0	≥25	38-42	180
28EH	10.3-10.9	9.5-11.0	≥30	27-31	200
30EH	10.8-11.7	10.0-11.2	≥30	28-32	200

33EH	11.3-11.9	10.3-11.6	≥ 30	31-35	200
35EH	11.7-12.3	10.7-12.0	≥ 30	33-37	200
38EH	12.2-12.9	11.0-12.6	≥ 30	36-40	200
28AH	10.3-10.9	9.5-11.0	≥ 35	26-29	220
30AH	10.8-11.5	10.1-11.2	≥ 35	28-32	220
33AH	11.4-12.1	10.7-12.0	≥ 35	31-35	220
35AH	11.7-12.5	11.0-12.2	≥ 35	33-37	220

STANDARD SPECIFICATION FOR GENERAL MAGNETIC'S SINTERED NdFeB MAGNETS