



## SINTERED NEODYMIUM MAGNET MATERIAL CHARACTERISTICS

### NdFeB

Material & Grade	* Max. Op. Temp (°C)	Curie Temp (°C)	Br (Gauss)		Hc (Oersted)	Hci (Oersted)	Bhmax MGOe	
			Max	Min	Min	Min	Max	Min
Neo-38	80	310	13,000	12,300	12,000	12,000	40	36
Neo-40	80	310	13,200	12,600	12,000	12,000	42	38
Neo-42	80	310	13,500	13,000	11,000	11,000	44	40
Neo-45	80	310	13,800	13,200	11,000	11,000	46	42
Neo-48	80	310	14,300	13,700	11,000	11,000	49	45
Neo-50	80	310	14,600	14,000	11,000	11,000	51	47
Neo-35M	100	315	12,500	11,800	14,000	14,000	37	33
Neo-38M	100	315	13,000	12,300	14,000	14,000	40	36
Neo-40M	100	315	13,200	12,600	14,000	14,000	42	38
Neo-42M	100	315	13,500	13,000	14,000	14,000	44	41
Neo-45M	100	315	13,800	13,200	14,000	14,000	46	42
Neo-48M	100	315	14,300	13,700	14,000	14,000	49	45
Neo-35H	120	330	12,500	11,800	17,000	17,000	37	33
Neo-38H	120	330	13,000	12,300	17,000	17,000	40	36
Neo-41H	120	330	13,200	12,600	16,000	16,000	42	38
Neo-44H	120	330	13,700	13,000	16,000	16,000	45	41
Neo-46H	120	330	14,000	13,400	16,000	16,000	47	43
Neo-35SH	150	365	12,500	11,800	20,000	20,000	37	33
Neo-39SH	150	365	13,000	12,300	20,000	20,000	40	36
Neo-42SH	150	365	13,500	13,000	20,000	20,000	43	41
Neo-28UH	180	365	11,300	10,400	25,000	25,000	30	26
Neo-30UH	180	365	11,700	10,900	25,000	25,000	32	28
Neo-33UH	180	365	12,200	11,400	25,000	25,000	36	31
Neo-35UH	180	365	12,500	11,800	25,000	25,000	37	33
Neo-30EH	200	365	11,700	10,900	30,000	30,000	32	28
Neo-33EH	200	365	12,000	11,400	30,000	30,000	35	31