

Sintered Nd-Fe-B Magnet Properties

Material Properties

Standard Material Grade	Residual Induction Br Gauss		Coercivity Hc Oe	Intrinsic Coercivity Hci Oe	Max Energy Product (BH)max MGOe	
	MAX	MIN	MIN	MIN	MAX	MIN
Tri-Neo-38	13,000	12,300	10,800	12,000	40	36
Tri-Neo-40	13,200	12,600	10,500	12,000	42	38
Tri-Neo-42	13,500	13,000	10,500	12,000	44	40
Tri-Neo-45	13,800	13,200	10,500	11,000	46	42
Tri-Neo-48	14,300	13,700	10,500	11,000	49	45
Tri-Neo-50	14,600	14,000	10,500	11,000	51	47
Tri-Neo-52	14,800	14,200	10,500	11,000	53	48
Tri-Neo-35M	12,500	11,800	11,000	14,000	37	33
Tri-Neo-38M	13,000	12,300	11,500	14,000	40	36
Tri-Neo-40M	13,200	12,600	11,800	14,000	42	38
Tri-Neo-42M	13,500	13,000	12,000	14,000	44	40
Tri-Neo-45M	13,800	13,200	12,200	14,000	46	42
Tri-Neo-48M	14,300	13,700	12,600	14,000	49	45
Tri-Neo-50M	14,600	14,000	12,500	14,000	51	47
Tri-Neo-35H	12,500	11,800	11,000	17,000	37	33
Tri-Neo-38H	13,000	12,300	11,500	17,000	40	36
Tri-Neo-41H	13,200	12,600	11,800	16,000	42	38
Tri-Neo-44H	13,700	13,000	12,100	16,000	45	41
Tri-Neo-46H	14,000	13,400	12,500	16,000	47	43
Tri-Neo-48H	14,300	13,700	12,800	16,000	49	45
Tri-Neo-35SH	12,500	11,800	11,000	20,000	37	33
Tri-Neo-39SH	13,000	12,300	11,600	20,000	40	36
Tri-Neo-42SH	13,500	12,800	12,000	19,000	43	39
Tri-Neo-28UH	11,300	10,400	9,800	25,000	30	26
Tri-Neo-30UH	11,700	10,900	10,200	25,000	32	28
Tri-Neo-33UH	12,200	11,400	10,700	25,000	35	31
Tri-Neo-35UH	12,500	11,800	11,000	25,000	37	33
Tri-Neo-38UH	13,000	12,300	11,600	25,000	40	36
Tri-Neo-30EH	11,700	10,900	10,200	30,000	32	28
Tri-Neo-33EH	12,200	11,400	10,700	30,000	35	31
Tri-Neo-35EH	12,500	11,800	11,000	30,000	37	33

NOTES: 1. Finished magnet size and shape may limit magnetic properties.
 2. Design evaluation services are available.