



## NdFeB material grades

Material grade	Remanence $B_r$ [T]		Normal coercivity $B_H$ [kA/m]		Intrinsic coercivity $J_H$ [kA/m]		Energy product $(BH)_{max}$ [kJ/m <sup>3</sup> ]	
	nom	min	nom	min	nom	min	nom	min
NEOREM 450a	1.15	1.13	880	840	1500	1400	250	240
NEOREM 453a	1.22	1.16	930	860	1500	1400	280	260
NEOREM 476a	1.20	1.15	920	850	1750	1550	270	250
NEOREM 490a	1.09	1.04	830	770	1900	1700	230	210
NEOREM 491a	1.17	1.11	890	830	1900	1700	260	230
NEOREM 493a	1.15	1.10	880	820	2100	1800	250	230
NEOREM 495a	1.10	1.05	840	780	2400	2100	230	210
NEOREM 499a	1.05	1.00	800	710	3200	3000	210	190

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	nom	min	nom	min	nom	min	nom	min
NEOREM 512a	1.31	1.27	1000	940	1120	1050	330	310
NEOREM 537a	1.28	1.24	980	920	1350	1200	310	290
NEOREM 553a	1.25	1.21	960	900	1500	1400	300	280
NEOREM 576a	1.22	1.18	930	880	1750	1550	280	270
NEOREM 591a	1.19	1.15	910	860	1900	1700	270	250
NEOREM 593a	1.16	1.12	890	830	2100	1800	260	240
NEOREM 595a	1.13	1.09	860	810	2400	2100	240	230
NEOREM 597a	1.09	1.05	830	780	2800	2600	230	210
NEOREM 599a	1.05	1.00	800	740	3200	3000	210	190

Material grade	Remanence $B_r$ [T]		Normal coercivity $B_H$ [kA/m]		Intrinsic coercivity $J_H$ [kA/m]		Energy product $(BH)_{max}$ [kJ/m <sup>3</sup> ]	
	nom	min	nom	min	nom	min	nom	min
NEOREM 712a	1.33	1.29	1020	960	1120	1050	340	320
NEOREM 737a	1.30	1.26	990	940	1350	1200	320	300
NEOREM 753a	1.28	1.24	980	920	1500	1400	310	290
NEOREM 776a	1.26	1.22	960	910	1750	1550	300	280
NEOREM 791a	1.24	1.20	950	890	1900	1700	290	270
NEOREM 793a	1.21	1.17	930	870	2100	1800	280	260
NEOREM 795a	1.16	1.12	890	830	2400	2100	260	240
NEOREM 797a	1.12	1.08	860	800	2800	2600	240	220
NEOREM 799a	1.08	1.04	820	770	3200	3000	220	210

The above properties are for axially pressed grades. All these grades are also available transversally pressed, giving a higher remanence. Please contact us for further details.

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