

Magnetic Properties of Single Pressing Magnet



Magnetic properties of sintered Nd-Fe-B permanent magnets at room temperature (20 °C) - Single Pressing Process

No.	Material	B_r		$H_{cJ,min}$		$H_{cB,min}$		$(BH)_{max}$		T_{max} (°C)
	Grade	T	kGs	kA/m	kOe	kA/m	kOe	kJ/m ³	MGOe	
1	45SH	1.33 - 1.38	13.3 - 13.8	1592	20	1003	12,6	342 - 366	43 - 46	150 °C
2	40UH	1.26 - 1.30	12.6 - 13.0	1910	24	947	11,9	302 - 326	38 - 41	180 °C
3	38EH	1.22 - 1.27	12.2 - 12.7	2308	29	923	11,6	287 - 310	36 - 39	200 °C
4	33AH	1.14 - 1.19	11.4 - 11.9	2706	34	860	10,8	247 - 271	31 - 34	240 °C