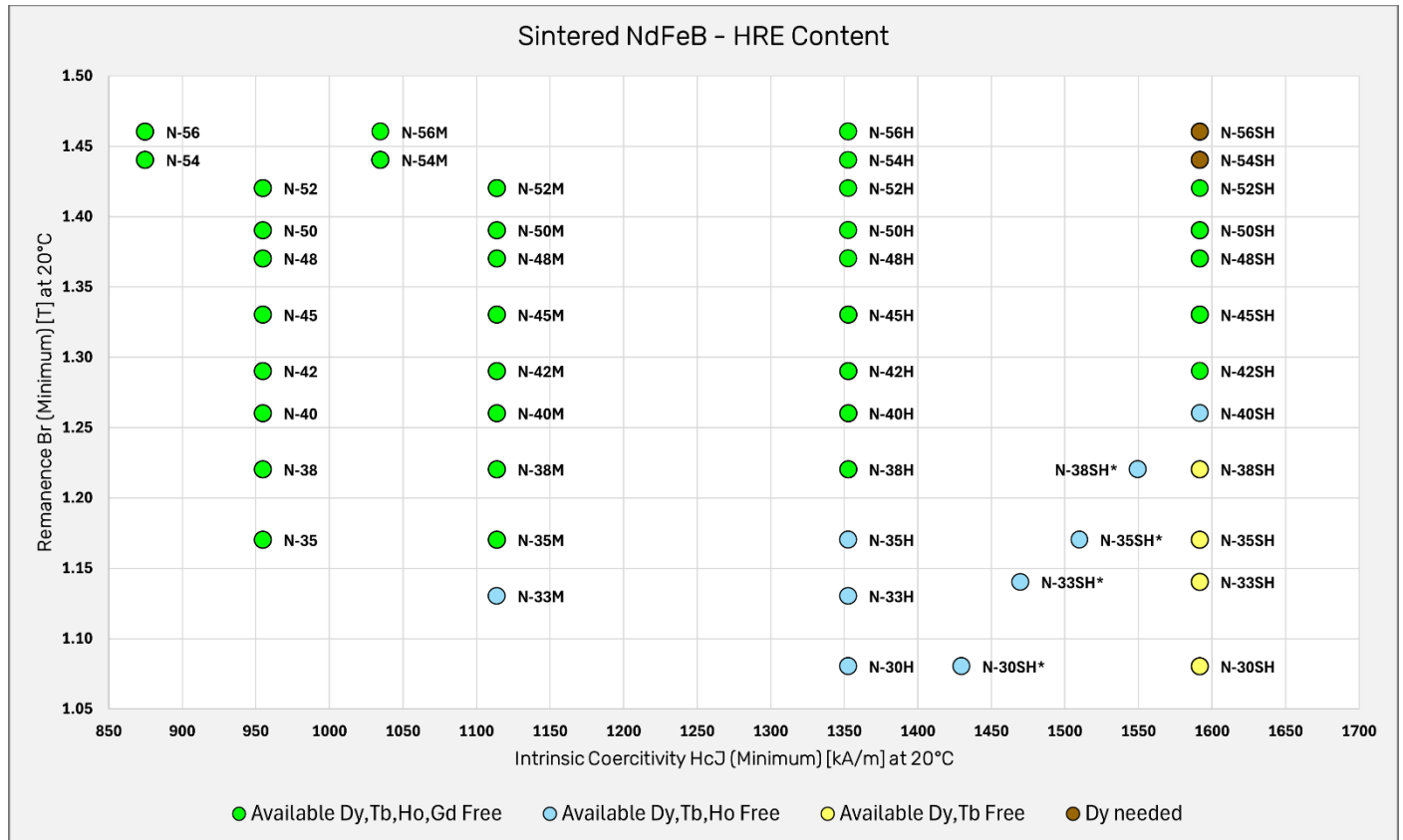


Summary of sintered NdFeB – HRE Content of Material

Version: November 14th, 2025



It is possible that other grades are already partially available or under development. If the required grade is not shown, we will be happy to advise you on the available options.

Upon request, grades are available as corrosion stable type as well (/S). These grades can fulfill the requirement of weight loss < 5.00 mg/cm² after a pressure cooker test (PCT) at 121°C; 2.05bar; 100%RH for 168 hours.

Additional Information about magnetic properties for specific grades available on page 2.

Grade	HRE Information	HcJ minimum [kA/m] at 20°C	HcJ T _{max} [kA/m]	T _{max} [°C]
N-30H	Dy,Tb,Ho Free	1353	500	120
N-33H	Dy,Tb,Ho Free	1353	500	120
N-35H	Dy,Tb,Ho Free	1353	500	120
N-38H	Dy,Tb,Ho,Gd Free	1353	500	120
N-40H	Dy,Tb,Ho,Gd Free	1353	500	120
N-42H	Dy,Tb,Ho,Gd Free	1353	500	120
N-45H	Dy,Tb,Ho,Gd Free	1353	500	120
N-48H	Dy,Tb,Ho,Gd Free	1353	500	120
N-50H	Dy,Tb,Ho,Gd Free	1353	500	120
N-52H	Dy,Tb,Ho,Gd Free	1353	480	120
N-52H	Dy needed	1353	500	120
N-54H	Dy,Tb,Ho,Gd Free	1353	480	120
N-54H	Dy needed	1353	500	120
N-56H	Dy,Tb,Ho,Gd Free	1353	450	120
N-56H	Dy needed	1353	500	120
N-30SH*	Dy,Tb,Ho Free	1430	500	150
N-30SH	Dy,Tb Free	1592	500	150
N-33SH*	Dy,Tb,Ho Free	1470	500	150
N-33SH	Dy,Tb Free	1592	500	150
N-35SH*	Dy,Tb,Ho Free	1510	500	150
N-35SH	Dy,Tb Free	1592	500	150
N-38SH*	Dy,Tb,Ho Free	1550	500	150
N-38SH	Dy,Tb Free	1592	500	150
N-40SH	Dy,Tb,Ho Free	1592	480	150
N-40SH	Dy needed	1592	500	150
N-42SH	Dy,Tb,Ho,Gd Free	1592	480	150
N-42SH	Dy needed	1592	500	150
N-45SH	Dy,Tb,Ho,Gd Free	1592	460	150
N-45SH	Dy needed	1592	500	150
N-48SH	Dy,Tb,Ho,Gd Free	1592	440	150
N-48SH	Dy needed	1592	500	150
N-50SH	Dy,Tb,Ho,Gd Free	1592	420	150
N-50SH	Dy needed	1592	500	150
N-52SH	Dy,Tb,Ho,Gd Free	1592	390	150
N-52SH	Dy needed	1592	500	150
N-54SH	Dy needed	1592	500	150
N-56SH	Dy needed	1592	500	150