

Technical data of Bonded NdFeB

Material	Grade	Remanence		Coercive Force		Intrinsic Coercive		Maximum Energy Product		Maximum Working Temp	Temp Coefficient of Br
		Br		Hcb		Hcj		(BH)max		Tw.	αBr
		mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m3	MGOe	(°C)	%/°C
Bonded NdFeB	BNI3	200-400	2.0-4.0	120-240	1.5-3.0	480-640	6.0-8.0	8-24	1.0-3.0	100	-0.15
	BNI4	400-460	4.0-4.6	250-335	3.1-4.2	575-735	7.2-9.2	28-36	3.5-4.5	110	-0.13
	BNI5	450-510	4.5-5.1	280-360	3.5-4.5	640-800	8.0-10.0	37-44	4.6-5.5	120	-0.13
	BNI5SR	450-500	4.5-5.0	300-360	3.8-4.5	875-1115	11.0-14.0	36-44	4.5-5.5	150	-0.13
	BNI6	510-560	5.1-5.6	295-375	3.7-4.7	640-800	8.0-10.0	44-52	5.5-6.5	120	-0.11
	BNI6H	480-560	4.8-5.6	335-400	4.2-5.0	1035-1355	13.0-17.0	40-52	5.0-6.5	130	-0.15
	BNI7	540-640	5.4-6.4	320-400	4.0-5.0	640-800	8.0-10.0	51-59	6.5-7.5	120	-0.11
	BNP6	550-620	5.5-6.2	285-370	3.6-4.6	600-755	7.5-9.5	44-56	5.5-7.0	100	-0.13
	BNP8L	600-640	6.0-6.4	360-400	4.5-5.0	715-800	9.0-10.0	56-64	7.0-8.0	110	-0.13
	BNP8	620-690	6.2-6.9	385-445	4.8-5.6	640-800	8.0-10.0	64-72	8.0-9.0	120	-0.13
	BNP8SR	620-660	6.2-6.6	410-465	5.2-5.8	880-1120	11.0-14.0	64-72	8.0-9.0	150	-0.13
	BNP8H	610-650	6.1-6.5	410-455	5.2-5.7	1190-1440	15.0-18.0	64-72	8.0-9.0	125	-0.07
	BNP9	650-700	6.5-7.0	400-440	5.0-5.5	640-800	8.0-10.0	70-76	8.8-9.5	120	-0.12
	BNP10	680-720	6.8-7.2	420-470	5.3-5.9	640-800	8.0-10.0	76-84	9.5-10.5	120	-0.11
BNP11	700-740	7.0-7.4	445-480	5.6-6.0	680-800	8.5-10.0	80-88	10.0-11.0	120	-0.11	
BNP11L	700-740	7.0-7.4	400-440	5.0-5.5	520-640	6.5-8.0	78-84	9.8-10.5	110	-0.11	
BNP12L	740-800	7.4-8.0	420-455	5.3-5.7	520-600	6.5-7.5	84-92	10.5-11.5	110	-0.08	

Technical data of Bonded SmCo

Material	Grade	Remanence		Coercive Force		Intrinsic Coercive		Maximum Energy Product		Maximum Working Temp	Temp Coefficient of Br
		Br		Hcb		Hcj		(BH)max		Tw.	αBr
		mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m3	MGOe	(°C)	%/°C
Bonded SmCo	BSC-4	400	4.0	280	3.5	800	10.0	32	4.0	120	-0.08
	BSC-6	500	5.0	320	4.0	800	10.0	48	6.0	120	-0.08
	BSC-8	600	6.0	360	4.5	800	10.0	64	8.0	120	-0.08
	BSC-10	700	7.0	320	4.0	400	5.0	80	10.0	120	-0.08
	BSC-10H	700	7.0	400	5.0	800	10.0	80	10.0	120	-0.08

Technical data of Bonded Ferrite

Material	Grade	Remanence		Coercive Force		Intrinsic Coercive		Maximum Energy Product		Maximum Working Temp	Temp Coefficient of Br
		Br		Hcb		Hcj		(BH)max		Tw.	αBr
		mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m3	MGOe	(°C)	%/°C
Bonded Ferrite	BTZ0206	110-130	1.1-1.3	70-88	0.88-1.1	191-231	2.4-2.9	1.6-2.4	0.2-0.3	120	-0.19
	BTZ0306	140-160	1.4-1.6	107-123	1.35-1.55	219-235	2.75-2.95	3.0-4.8	0.38-0.6	120	-0.19
	BTZ0806	205-230	2.05-2.3	143-155	1.8-1.95	210-235	2.65-2.95	8.0-9.6	1.0-1.2	120	-0.19
	BTZ1006	210-240	2.1-2.4	119-171	1.5-2.15	159-230	2.0-2.9	7.0-11.2	0.88-1.4	120	-0.19
	BTZ1206	240-260	2.4-2.6	163-175	2.05-2.2	210-230	2.65-2.9	12.0-13.2	1.5-1.65	120	-0.19
	BTZ1306	250-280	2.5-2.8	175-199	2.2-2.5	226-254	2.85-3.2	13.0-14.4	1.62-1.8	120	-0.19
	BTZ1406	265-280	2.65-2.8	171-179	2.15-2.25	207-230	2.6-2.9	14.0-14.8	1.75-1.85	120	-0.19
	BTZ1506	270-290	2.7-2.9	183-199	2.3-2.5	222-254	2.8-3.2	14.4-16.0	1.8-2.0	120	-0.19
	BTZ1606	280-295	2.8-2.95	187-210	2.35-2.65	210-250	2.65-3.15	15.2-17.2	1.9-2.15	120	-0.19
	BTZ3006	400-500	4.0-5.0	278-318	3.5-4.0	597-676	7.5-8.5	31.2-32.8	3.9-4.1	120	-0.19
	BTZ4006	450-550	4.5-5.5	295-334	3.7-4.2	676-875	8.5-11.0	38.4-40.8	4.8-5.1	120	-0.19
	BTZ12PPS	245-265	2.45-2.65	171-199	2.15-2.5	210-250	2.65-3.15	10.8-12.8	1.35-1.6	150	-0.19
	BTZ13PPS	260-280	2.6-2.8	183-199	2.3-2.5	230-247	2.9-3.1	12.8-14.4	1.6-1.8	150	-0.19
	BTZ0212	110-130	1.1-1.3	70-88	0.88-1.1	191-231	2.4-2.9	1.6-2.4	0.2-0.3	120	-0.19
	BTZ0312	140-160	1.4-1.6	107-123	1.35-1.55	219-235	2.75-2.95	3.0-4.8	0.38-0.6	120	-0.19
	BTZ0812	205-230	2.05-2.3	143-155	1.8-1.95	210-235	2.65-2.95	8.0-9.6	1.0-1.2	120	-0.19
	BTZ1012	210-240	2.1-2.4	119-171	1.5-2.15	159-230	2.0-2.9	7.0-11.2	0.88-1.4	120	-0.19
	BTZ1212	240-260	2.4-2.6	163-175	2.05-2.2	210-230	2.65-2.9	12.0-13.2	1.5-1.65	120	-0.19
	BTZ1312	250-280	2.5-2.8	175-199	2.2-2.5	226-254	2.85-3.2	13.0-14.4	1.62-1.8	120	-0.19
	BTZ1412	265-280	2.65-2.8	171-179	2.15-2.25	207-230	2.6-2.9	14.0-14.8	1.75-1.85	120	-0.19
	BTZ1512	270-290	2.7-2.9	183-199	2.3-2.5	222-254	2.8-3.2	14.4-16.0	1.8-2.0	120	-0.19
	BTZ1612	280-295	2.8-2.95	187-210	2.35-2.65	210-250	2.65-3.15	15.2-17.2	1.9-2.15	120	-0.19
	BTZ3012	400-500	4.0-5.0	278-318	3.5-4.0	597-676	7.5-8.5	31.2-32.8	3.9-4.1	120	-0.19
BTZ4012	450-550	4.5-5.5	295-334	3.7-4.2	676-875	8.5-11.0	38.4-40.8	4.8-5.1	120	-0.19	