



## New Day International Trade Co.,Zhejiang

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### MAGNETIC PROPERTIES of NEODYMIUM MAGNET

Grade	Remanence	Coercive Force	Intrinsic Coercive Force	Max. energy product	Max. Operating Temperature
	Br	Hcb	Hcj	(BH ) max	Tw
	mT	kA/m	kA/m	kJ/m <sup>3</sup>	
	(kGs)	(kOe)	(kOe)	(MGOe)	
N35	1170-1220	≥ 868	≥955	263-287	80 C
	(11.7-12.2)	( ≥ 10.9)	( ≥ 12)	(33-36)	
N38	1220-1250	≥899	≥955	287-310	80 C
	(12.2-12.5)	( ≥ 11.3)	( ≥ 12)	(36-39)	
N40	1250-1280	≥ 907	≥955	302-326	80 C
	(12.5-12.8)	( ≥ 11.4)	( ≥ 12)	(38-41)	
N42	1280-1320	≥ 915	≥955	318-342	80 C
	(12.8-13.2)	( ≥ 11.5)	( ≥ 12)	(40-43)	
N45	1320-1380	≥ 923	≥955	342-366	80 C
	(13.2-13.8)	( ≥ 11.6)	( ≥ 12)	(43-46)	
N48	1380-1420	≥ 923	≥955	366-390	80 C
	(13.8-14.2)	( ≥11.6)	( ≥ 12)	(46-49)	
N50	1400-1450	≥ 796	≥955	382-406	80 C
	(14.0-14.5)	( ≥ 10.0)	( ≥ 12)	(48-51)	
N52	1430-1480	≥ 796	≥955	398-422	80 C
	(14.3-14.8)	( ≥ 10.0)	( ≥ 12)	(50-53)	
33M	1130-1170	≥ 836	≥ 1114	247-263	100 C
	(11.3-11.7)	( ≥ 10.5)	( ≥ 14)	(31-33)	

35M	1170-1220	$\geq 868$	$\geq 1114$	263-287	100 C
	(11.7-12.2)	( $\geq 10.9$ )	( $\geq 14$ )	(33-36)	
38M	1220-1250	$\geq 899$	$\geq 1114$	287-310	100 C
	(12.2-12.5)	( $\geq 11.3$ )	( $\geq 14$ )	(36-39)	
40M	1250-1280	$\geq 923$	$\geq 1114$	302-326	100 C
	(12.5-12.8)	( $\geq 11.6$ )	( $\geq 14$ )	(38-41)	
42M	1280-1320	$\geq 955$	$\geq 1114$	318-342	100 C
	(12.8-13.2)	( $\geq 12.0$ )	( $\geq 14$ )	(40-43)	
45M	1320-1380	$\geq 995$	$\geq 1114$	342-366	100 C
	(13.2-13.8)	( $\geq 12.5$ )	( $\geq 14$ )	(43-46)	
48M	1360-1430	$\geq 1027$	$\geq 1114$	366-390	100 C
	(13.6-14.3)	( $\geq 12.9$ )	( $\geq 14$ )	(46-49)	
50M	1400-1450	$\geq 1033$	$\geq 1114$	382-406	100 C
	(14.0-14.5)	( $\geq 13.0$ )	( $\geq 14$ )	(48-51)	
35H	1170-1220	$\geq 868$	$\geq 1353$	263-287	120 C
	(11.7-12.2)	( $\geq 10.9$ )	( $\geq 17$ )	(33-36)	
38H	1220-1250	$\geq 899$	$\geq 1353$	287-310	120 C
	(12.2-12.5)	( $\geq 11.3$ )	( $\geq 17$ )	(36-39)	
40H	1250-1280	$\geq 923$	$\geq 1353$	302-326	120 C
	(12.5-12.8)	( $\geq 11.6$ )	( $\geq 17$ )	(38-41)	
42H	1280-1320	$\geq 955$	$\geq 1353$	318-342	120 C
	(12.8-13.2)	( $\geq 12.0$ )	( $\geq 17$ )	(40-43)	
45H	1320-1360	$\geq 963$	$\geq 1353$	326-358	120 C
	(13.2-13.6)	( $\geq 12.1$ )	( $\geq 17$ )	(43-46)	
48H	1370-1430	$\geq 995$	$\geq 1353$	366-390	120 C
	(13.7-14.3)	( $\geq 12.5$ )	( $\geq 17$ )	(46-49)	
35SH	1170-1220	$\geq 876$	$\geq 1592$	263-287	150 C
	(11.7-12.2)	( $\geq 11.0$ )	( $\geq 20$ )	(33-36)	
38SH	1220-1250	$\geq 907$	$\geq 1592$	287-310	150 C
	(12.2-12.5)	( $\geq 11.4$ )	( $\geq 20$ )	(36-39)	
40SH	1240-1280	$\geq 939$	$\geq 1592$	302-326	150 C
	(12.5-12.8)	( $\geq 11.8$ )	( $\geq 20$ )	(38-41)	
42SH	1280-1320	$\geq 987$	$\geq 1592$	318-342	150 C
	(12.8-13.2)	( $\geq 12.4$ )	( $\geq 20$ )	(40-43)	

45SH	1320-1380	$\geq 1003$	$\geq 1592$	342-366	150 C
	(13.2-13.8)	( $\geq 12.6$ )	( $\geq 20$ )	(43-46)	
28UH	1020-1080	$\geq 764$	$\geq 1990$	207-231	180 C
	(10.2-10.8)	( $\geq 9.6$ )	( $\geq 25$ )	(26-29)	
30UH	1080-1130	$\geq 812$	$\geq 1990$	223-247	180 C
	(10.8-11.3)	( $\geq 10.2$ )	( $\geq 25$ )	(28-31)	
33UH	1130-1170	$\geq 852$	$\geq 1990$	247-271	180 C
	(11.3-11.7)	( $\geq 10.7$ )	( $\geq 25$ )	(31-34)	
35UH	1180-1220	$\geq 860$	$\geq 1990$	263-287	180 C
	(11.8-12.2)	( $\geq 10.8$ )	( $\geq 25$ )	(33-36)	
38UH	1220-1250	$\geq 876$	$\geq 1990$	287-310	180 C
	(12.2-12.5)	( $\geq 11.0$ )	( $\geq 25$ )	(36-39)	
40UH	1240-1280	$\geq 899$	$\geq 1990$	302-326	180 C
	(12.5-12.8)	( $\geq 11.3$ )	( $\geq 25$ )	(38-41)	
28EH	1040-1090	$\geq 780$	$\geq 2388$	207-231	200 C
	(10.4-10.9)	( $\geq 9.8$ )	( $\geq 30$ )	(26-29)	
30EH	1080-1130	$\geq 812$	$\geq 2388$	223-247	200 C
	(10.8-11.3)	( $\geq 10.2$ )	( $\geq 30$ )	(28-31)	
33EH	1130-1170	$\geq 876$	$\geq 2388$	247-271	200 C
	(11.3-11.7)	( $\geq 10.5$ )	( $\geq 30$ )	(31-34)	
35EH	1170-1220	$\geq 876$	$\geq 2388$	263-287	200 C
	(11.7-12.2)	( $\geq 11.0$ )	( $\geq 30$ )	(33-36)	
38EH	1220-1250	$\geq 899$	$\geq 2388$	287-310	200 C
	(12.2-12.5)	( $\geq 11.3$ )	( $\geq 30$ )	(36-39)	
28AH	1040-1090	$\geq 787$	$\geq 2624$	207-231	230 C
	(10.4-10.9)	( $\geq 9.9$ )	( $\geq 33$ )	(26-29)	
30AH	(26-29)	$\geq 819$	$\geq 2624$	223-247	230 C
	(10.8-11.3)	( $\geq 10.3$ )	( $\geq 33$ )	(28-31)	
33AH	1130-1170	$\geq 843$	$\geq 2624$	247-271	230 C
	(11.3-11.7)	( $\geq 10.6$ )	( $\geq 33$ )	(31-34)	