

N30	10.8-11.2	1.08-1.12	9.8-10.5	780-836	≥ 12	≥ 955	28-30	223-239	≤ 80
N33	11.4-11.7	1.14-1.17	10.5-11.0	836-876	≥ 12	≥ 955	31-33	247-263	≤ 80
N35	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥ 12	≥ 955	33-35	263-279	≤ 80
N36	11.9-12.2	1.19-1.22	10.8-11.5	860-915	≥ 12	≥ 955	34-36	271-287	≤ 80
N38	12.2-12.6	1.22-1.26	10.8-11.5	860-915	≥ 12	≥ 955	36-38	287-303	≤ 80
N40	12.6-12.9	1.26-1.29	10.5-11.0	836-876	≥ 12	≥ 955	38-40	303-318	≤ 80
N42	12.9-13.2	1.29-1.32	10.5-11.0	836-876	≥ 12	≥ 955	40-42	318-334	≤ 80
N43	13.0-13.3	1.30-1.33	10.5-11.0	836-876	≥ 12	≥ 955	41-43	326-342	≤ 80
N45	13.3-13.7	1.33-1.37	10.5-11.0	836-876	≥ 12	≥ 965	43-45	342-358	≤ 80
N48	13.8~14.2	1.38~1.42	≥ 10.5	≥ 835	≥ 12	≥ 955	46~49	366~390	≤ 80
N50	13.8~14.5	1.38~1.45	≥ 10.5	≥ 835	≥ 11	≥ 955	47~51	374~406	≤ 80
N52	14.3~14.8	1.43~1.48	≥ 10.8	≥ 860	≥ 11	≥ 876	50~53	398~422	≤ 80
N27M	10.2-10.6	1.02-1.06	9.6-10.1	764-804	≥ 15	≥ 1194	25-27	199-215	≤ 100
N30M	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥ 15	≥ 1194	28-30	223-239	≤ 100
N33M	11.4-11.7	1.14-1.17	10.5-11.0	844-884	≥ 15	≥ 1194	31-33	247-263	≤ 100
N35M	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥ 15	≥ 1114	33-35	263-279	≤ 100
N36M	11.9-12.2	1.19-1.22	11.1-11.6	884-923	≥ 15	≥ 1194	34-36	271-287	≤ 100
N38M	12.2-12.6	1.22-1.26	10.8-11.5	860-915	≥ 14	≥ 1114	36-38	287-303	≤ 100
N40M	12.6-12.9	1.26-1.29	10.8-11.5	860-915	≥ 14	≥ 1114	38-40	303-318	≤ 100
N42M	12.9-13.2	1.29-1.32	10.8-11.4	860-907	≥ 14	≥ 1114	40-42	318-334	≤ 100
N45M	13.3-13.7	1.33-1.37	10.8-11.4	860-907	≥ 17	≥ 1114	43-45	334-358	≤ 100
N48M	13.6~14.0	1.36~1.40	≥ 11.8	≥ 939	≥ 14	≥ 1114	46~49	366~390	≤ 100
N50M	14.0~14.5	1.39~1.43	≥ 13.0	≥ 1033	≥ 14	≥ 1114	48~51	382~406	≤ 100
N27H	10.2-10.6	1.02-1.06	9.6-10.1	764-804	≥ 17	≥ 1353	25-27	199-215	≤ 120
N30H	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥ 17	≥ 1353	28-30	223-239	≤ 120
N33H	11.4-11.7	1.14-1.17	10.6-11.1	844-884	≥ 17	≥ 1353	31-33	247-263	≤ 120

N35H	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥17	≥1353	33-35	263-279	≤120
N36H	11.9-12.2	1.19-1.22	11.1-11.6	884-923	≥17	≥1353	34-36	271-287	≤120
N38H	12.2-12.6	1.22-1.26	11.5-12.0	915-955	≥17	≥1353	36-38	287-303	≤120
N40H	12.6-12.9	1.26-1.29	11.5-12.0	915-955	≥17	≥1353	38-40	303-318	≤120
N42H	12.9-13.2	1.29-1.32	11.5-12.0	915-955	≥17	≥1353	40-42	318-334	≤120
N45H	13.2~13.8	1.26~1.32	≥12.4	≥987	≥17	≥1353	42~46	335~366	≤120
N46H	13.4~13.8	1.34~1.38	≥12.8	≥1019	≥17	≥1353	44~47	350~374	≤120
N48H	13.6~14.2	1.36~1.42	≥12.8	≥1019	≥16	≥1274	45~48	358~382	≤120
N27SH	10.2-10.6	1.02-1.06	9.6-10.1	764-804	≥20	≥1592	25-27	199-215	≤150
N30SH	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥20	≥1592	28-30	223-239	≤150
N33SH	11.4-11.7	1.14-1.17	10.6-11.1	844-884	≥20	≥1592	31-33	247-263	≤150
N35SH	11.7-12.1	1.17-1.21	10.8-11.5	860-915	≥20	≥1595	33-35	263-279	≤150
N38SH	12.1-12.5	1.21-1.25	10.8-11.5	860-915	≥20	≥1592	36-38	287-302	≤150
N40SH	12.6-12.9	1.26-1.29	10.8-11.5	860-915	≥20	≥1592	38-40	303-318	≤150
N42SH	12.8~13.2	1.28~1.32	≥11.8	≥939	≥20	≥1672	40~43	320~343	≤150
N45SH	13.2~13.8	1.32~1.38	≥12.6	≥1003	≥20	≥1592	43~46	342~366	≤150
N25UH	9.8-10.2	0.98-1.02	9.2-9.6	732-764	≥25	≥1990	23-25	183-199	≤180
N28UH	10.4-10.8	1.04-1.08	9.8-10.2	780-812	≥25	≥1990	26-28	207-223	≤180
N30UH	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥25	≥1990	28-30	223-239	≤180
N35UH	11.7-12.1	1.17-1.21	10.5-11.2	836-890	≥25	≥1989	33-35	263-278	≤180
N38UH	12.1-12.5	1.21-1.25	≥11.4	≥907	≥25	≥1990	36-39	287-310	≤180
N40UH	12.5-12.8	1.25-1.28	≥11.4	≥907	≥25	≥1990	38-41	302-326	≤180
N25EH	9.8-10.2	0.98-1.02	9.2-9.6	732-764	≥30	≥2387	23-25	183-199	≤200
N28EH	10.4-10.8	1.04-1.08	9.8-10.2	780-812	≥30	≥2387	26-28	207-223	≤200
N30EH	10.8-11.2	1.08-1.12	10.1-10.6	804-844	≥30	≥2387	28-30	223-239	≤200
N35EH	11.7-12.1	1.17-1.21	≥10.2	≥812	≥30	≥2388	33-36	263-287	≤200
N38EH	12.1-12.5	1.21-1.25	≥11.4	≥907	≥30	≥2388	36-39	287-310	≤200
N30AH	10.8~11.3	1.08~1.13	≥10.2	≥812	≥35	≥2785	28~32	223~255	≤220
N33AH	11.2~11.7	1.12~1.17	≥10.2	≥812	≥35	≥2785	31~34	247~271	≤220

Tensile Strength	8.0kg/mm ²	Coeff.of Thermal Expansion	4×10 ⁻⁶ %/°C
Specific Heat	0.12kCal/(kg.°C)	Thermal Conductivity	7.7w/(m°C)
Yound's Modulus	1.6×10 ¹¹ N/m ²	Rigidity	0.64N/m ²
Poisson's Ratio	0.24	Compressibility	9.8×10 ⁻¹² m ² /N
Curie Temperature	310~340°C		