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n_d = 1.66672	υ_d = 48.42	$n_F - n_C$ = 0.013769
n_e = 1.67000	υ_e = 48.13	$n_{F'} - n_{C'}$ = 0.013920

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.63548
n_{1970}	1970.09	1.64006
n_{1530}	1529.58	1.64527
n_{1129}	1128.64	1.65037
n_{1064}	1064.00	1.65137
n_t	1013.98	1.65221
n_s	852.11	1.65561
$n_{A'}$	768.19	1.65803
n_r	706.52	1.66030
n_C	656.27	1.66260
$n_{C'}$	643.85	1.66325
n_{He-Ne}	632.80	1.66386
n_D	589.29	1.66660
n_d	587.56	1.66672
n_e	546.07	1.67000
n_F	486.13	1.67637
$n_{F'}$	479.99	1.67717
n_g	435.84	1.68412
n_h	404.66	1.69065
n_i	365.01	1.70204

Constants of Dispersion Formula	
A_0	2.71895180E+00
A_1	-8.85402223E-03
A_2	2.00773116E-02
A_3	4.62134195E-04
A_4	-2.90064565E-06
A_5	1.15588784E-06

Density	
ρ (g/cm^3)	3.67

Solarization	
△λ (%)	0.4

Relative Partial Dispersion	
$P_{d,C}$	0.2992
$P_{e,d}$	0.2382
$P_{g,F}$	0.5629
$P'_{d,c'}$	0.2493
$P'_{e,d}$	0.2356
$P'_{g,F'}$	0.4993

Deviation of Relative Partial Dispersions	
$\Delta P_{F,e}$	-0.0008
$\Delta P_{g,F}$	-0.0003
$\Delta P_{C,t}$	-0.0201
$\Delta P_{C,s}$	-0.0089

Thermal Properties	
Tg (℃)	581
Ts (℃)	631
$T_{10}^{14.5}$ (℃)	516
T_{10}^{13} (℃)	545
$\alpha_{-50/80℃}$ (10^{-7}/K)	74
$\alpha_{100/300℃}$ (10^{-7}/K)	93
λ (W/(m·K))	1.02

Mechanical Properties	
HK (10^7Pa)	555
F_A	153
E (GPa)	91.5
G (GPa)	35.4
μ	0.291
σ_b (MPa)	77.6
B (10^{-12}/Pa)	1.87

Chemical Properties (grade)	
RC (S)	1
RA (S)	1
D_W	1
D_A	3
R_{OH} (S)	2
RP (S)	1

Expansion Coefficient α ($\times 10^{-7}$/K)	
℃	α
-50/-40	66
-40/-30	68
-30/-20	69
-20/-10	71
-10/0	73
0/10	74
10/20	75
20/30	76
30/40	77
40/50	78
50/60	78
60/70	79
70/80	79
80/90	80
90/100	81
100/110	82
110/120	83
120/130	84
130/140	86
140/150	87
150/160	88

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.924	0.870
2200	0.959	0.935
2000	0.980	0.970
1800	0.988	0.982
1600	0.999	0.998
1400	0.999	0.998
1200	0.999	0.998
1060	0.999	0.998
1000	0.999	0.998
950	0.999	0.998
900	0.999	0.998
850	0.999	0.998
800	0.999	0.998
750	0.999	0.998
700	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.999	0.998
480	0.999	0.998
460	0.999	0.994
440	0.996	0.990
420	0.993	0.985
400	0.987	0.975
390	0.979	0.959
380	0.963	0.925
370	0.931	0.854
360	0.858	0.724
350	0.710	0.486
340	0.440	0.177
330	0.148	0.023
320		
310		
300		
290		
280		

Range of Temperature (℃)	Temperature Coefficients of Refractive Index dn/dt relative ($\times 10^{-6}$ / ℃)									
	t	s	C	C'	He-Ne	d	e	F	F'	g
-60 ~ -40	3.3	3.7	4.0	4.1	4.1	4.3	4.5	5.0	5.1	5.6
-40 ~ -20	3.3	3.7	3.9	4.1	4.1	4.3	4.5	5.0	5.1	5.6
-20 ~ 0	3.3	3.7	4.0	4.1	4.1	4.3	4.6	5.0	5.1	5.7
0 ~ 20	3.4	3.8	4.0	4.1	4.1	4.3	4.6	5.0	5.1	5.7
20 ~ 40	3.4	3.8	4.0	4.1	4.1	4.3	4.6	5.1	5.2	5.8
40 ~ 60	3.4	3.8	4.1	4.1	4.2	4.3	4.7	5.2	5.3	5.9
60 ~ 80	3.4	3.8	4.1	4.2	4.2	4.5	4.8	5.3	5.4	6.1
80 ~ 100	3.5	4.0	4.3	4.4	4.4	4.6	4.9	5.5	5.6	6.3
100 ~ 120	3.6	4.1	4.4	4.5	4.5	4.8	5.1	5.7	5.8	6.4
120 ~ 140	3.7	4.2	4.5	4.6	4.6	4.9	5.3	5.8	5.9	6.5
140 ~ 160	3.8	4.3	4.6	4.6	4.7	5.0	5.3	5.9	6.0	6.6

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	370/330
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	365/334

Constants of dn/dt		
D_0	D_1	D_2
2.85E-06	1.16E-08	-1.32E-11
E_0	E_1	λ_{TK}
7.06E-07	5.45E-10	2.04E-01