

H-ZLaF71	901313	$n_d = 1.90056$	$v_d = 31.25$	$n_F - n_C = 0.028820$
		$n_e = 1.90737$	$v_e = 31.02$	$n_{F'} - n_{C'} = 0.029250$

Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance		
	λ (nm)	n_λ					λ (nm)	$\tau_{5\text{mm}}$	$\tau_{10\text{mm}}$
n_{2325}	2325.42		$P_{d,C}$	0.2915	RC (S)	1	2400	0.898	0.807
n_{1970}	1970.09		$P_{e,d}$	0.2363	RA (S)	1	2200	0.968	0.937
n_{1530}	1529.58		$P_{g,F}$	0.5940	D_W	1	2000	0.988	0.976
n_{1129}	1128.64	1.86868	$P'_{d,c'}$	0.2424	D_A	2	1800	0.996	0.992
n_{1064}	1064.00	1.87048	$P'_{e,d}$	0.2328	$R_{OH}(S)$	1	1600	0.998	0.996
n_t	1013.98	1.87202	$P'_{g,F'}$	0.5258	RP (S)	1	1400	0.999	0.998
n_s	852.11	1.87839			CR	1	1200	0.999	0.998
$n_{A'}$	768.19	1.88308	Deviation of Relative Partial Dispersions				1060	0.999	0.998
n_r	706.52	1.88756					1000	0.999	0.998
n_C	656.27	1.89216	$P_{F,e}$	-0.0007	Expansion Coefficient α ($\times 10^{-7}/K$)		950	0.999	0.998
$n_{C'}$	643.85	1.89347	$P_{g,F}$	0.0023			900	0.999	0.998
n_{He-Ne}	632.80	1.89471	$P_{C,t}$	0.0073	$^{\circ}C$	α	850	0.999	0.998
n_D	589.29	1.90031	$P_{C,s}$	0.0024	-50/-40	49	800	0.999	0.998
n_d	587.56	1.90056	Thermal Properties		-40/-30	51	750	0.999	0.998
n_e	546.07	1.90737			-30/-20	52	700	0.999	0.998
n_F	486.13	1.92098	T_g ($^{\circ}C$)	628	-20/-10	53	650	0.999	0.998
$n_{F'}$	479.99	1.92272	T_s ($^{\circ}C$)	669	-10/0	54	600	0.998	0.996
n_g	435.84	1.93810	$T_{10}^{14.5}$ ($^{\circ}C$)	576	0/10	55	550	0.995	0.990
n_h	404.66	1.95321	T_{10}^{13} ($^{\circ}C$)	601	10/20	55	500	0.986	0.973
n_i	365.01	1.98128	$\alpha_{-50/80^{\circ}C}$ ($10^{-7}/K$)	56	20/30	56	480	0.980	0.960
			$\alpha_{100/300^{\circ}C}$ ($10^{-7}/K$)	72	30/40	57	460	0.970	0.941
			λ (W/(m·K))	1.01	40/50	59	440	0.953	0.908
					50/60	60	420	0.919	0.845
					60/70	61	400	0.841	0.707
					70/80	61	390	0.762	0.580
					80/90	62	380	0.625	0.391
					90/100	63	370	0.407	0.165
					100/110	63	360	0.143	0.020
					110/120	64	350		
					120/130	65	340		
					130/140	67	330		
					140/150	68	320		
					150/160	69	310		
							300		
							290		
							280		

Constants of Dispersion Formula	
A_0	3.47712019E+00
A_1	-1.55817118E-02
A_2	4.24591568E-02
A_3	2.29943116E-03
A_4	-1.31276838E-04
A_5	1.81883661E-05

Density		Solarization	
ρ (g/cm ³)	4.50	$\triangle\lambda$ (%)	-0.9

Range of Temperature ($^{\circ}C$)	Temperature Coefficients of Refractive Index									
	dn/dt relative ($\times 10^{-6} / ^{\circ}C$)									
	t	s	C	C'	He-Ne	d	e	F	F'	g
-60 ~ -40	5.4	5.7	6.3	6.4	6.5	6.8	7.2	8.2	8.3	9.6
-40 ~ -20	5.7	6.0	6.6	6.7	6.8	7.1	7.6	8.6	8.7	10.1
-20 ~ 0	6.0	6.3	7.0	7.1	7.2	7.5	8.0	9.0	9.1	10.6
0 ~ 20	6.4	6.7	7.4	7.5	7.6	7.9	8.4	9.5	9.6	11.1
20 ~ 40	6.8	7.0	7.8	7.9	8.0	8.4	8.8	9.9	10.1	11.6
40 ~ 60	7.1	7.4	8.2	8.3	8.4	8.8	9.3	10.4	10.6	12.2
60 ~ 80	7.5	7.8	8.6	8.7	8.8	9.2	9.7	10.9	11.1	12.7
80 ~ 100	7.8	8.1	8.9	9.1	9.1	9.6	10.1	11.3	11.5	13.2
100 ~ 120	8.1	8.4	9.3	9.4	9.5	9.9	10.5	11.7	11.9	13.6
120 ~ 140	8.4	8.7	9.6	9.7	9.8	10.2	10.8	12.1	12.3	14.1
140 ~ 160	8.6	8.9	9.9	10.0	10.1	10.5	11.1	12.4	12.6	14.5

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	(420)/365
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	412/362

Constants of dn/dt		
D_0	D_1	D_2
6.48E-06	2.19E-08	-3.00E-11
E_0	E_1	λ_{TK}
7.26E-07	6.11E-10	2.92E-01