

H-ZF62		923209		$n_d = 1.92286$		$v_d = 20.88$		$n_F - n_C = 0.044198$			
				$n_e = 1.93323$		$v_e = 20.71$		$n_{F'} - n_{C'} = 0.045071$			
Refractive Indices				Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance			
	λ (nm)	n_λ		$P_{d,C}$	0.2824	RC (S)	1	λ (nm)	τ_{5mm}	τ_{10mm}	
n_{2325}	2325.42	1.84761		$P_{e,d}$	0.2346	RA (S)	1	2400	0.957	0.916	
n_{1970}	1970.09	1.85605		$P_{g,F}$	0.6374	D_W	1	2200	0.978	0.956	
n_{1530}	1529.58	1.86617		$P'_{d,c'}$	0.2341	D_A	1	2000	0.999	0.998	
n_{1129}	1128.64	1.87734		$P'_{e,d}$	0.2301	R_{OH} (S)	1	1800	0.999	0.998	
n_{1064}	1064.00	1.87974		$P'_{g,F'}$	0.5627	RP (S)	1	1600	0.999	0.998	
n_t	1013.98	1.88181		Deviation of Relative Partial Dispersions		Expansion Coefficient α ($\times 10^{-7}/K$)		1400	0.999	0.998	
n_s	852.11	1.89061						$\Delta P_{F,e}$	0.0042	$^\circ C$	α
$n_{A'}$	768.19	1.89723		$\Delta P_{g,F}$	0.0284	-50/-40	54	1060	0.999	0.998	
n_r	706.52	1.90366		$\Delta P_{C,t}$	0.0051	-40/-30	56	1000	0.999	0.998	
n_C	656.27	1.91038		$\Delta P_{C,s}$	-0.0032	-30/-20	58	950	0.999	0.998	
$n_{C'}$	643.85	1.91231		Thermal Properties		-20/-10	60	900	0.999	0.998	
n_{He-Ne}	632.80	1.91413				Tg ($^\circ C$)	690	-10/0	61	850	0.999
n_D	589.29	1.92248		Ts ($^\circ C$)	725	0/10	62	800	0.999	0.998	
n_d	587.56	1.92286		$T_{10}^{14.5}$ ($^\circ C$)	625	10/20	62	750	0.999	0.998	
n_e	546.07	1.93323		T_{10}^{13} ($^\circ C$)	664	20/30	63	700	0.999	0.998	
n_F	486.13	1.95457		$\alpha_{.50/80^\circ C}$ ($10^{-7}/K$)	61	30/40	63	650	0.998	0.997	
$n_{F'}$	479.99	1.95738		$\alpha_{100/300^\circ C}$ ($10^{-7}/K$)	74	40/50	64	600	0.997	0.995	
n_g	435.84	1.98274		λ (W/(m·K))	0.99	50/60	64	550	0.993	0.986	
n_h	404.66	2.00892		Mechanical Properties		60/70	65	500	0.983	0.965	
n_i	365.01					σ_b (MPa)	71	70/80	65	480	0.976
Constants of Dispersion Formula						80/90	65	460	0.966	0.934	
A_0	3.49733468E+00					90/100	67	440	0.950	0.902	
A_1	-1.75493772E-02					100/110	67	420	0.917	0.840	
A_2	5.99594355E-02					110/120	68	400	0.791	0.625	
A_3	3.90005481E-03					120/130	70	390	0.586	0.343	
A_4	-1.39531497E-04					130/140	70	380	0.210	0.044	
A_5	4.41807948E-05					140/150	72	370			
Density				Solarization		150/160	72	360			
ρ (g/cm ³)	3.93			$\Delta\lambda$ (%)	-0.4				350		
								340			
								330			
								320			
								310			
								300			
								290			
								280			
								Coloration Code			
								$\lambda_{80}(\lambda_{70})/\lambda_5$		(435)/385	
								Coloration of Internal Transmittance			
								$\lambda\tau_{80}/\lambda\tau_5$		415/382	
								Constants of dn/dt			
								D_0	D_1	D_2	
								-2.92E-06	1.58E-08	-3.18E-11	
								E_0	E_1	λ_{TK}	
								8.11E-07	8.16E-10	3.44E-01	
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		-0.4	0.1	0.7	0.7	0.8	1.0	1.6	3.3	3.5	6.2
-40~-20		0.1	0.5	1.0	1.1	1.2	1.5	2.2	3.9	4.1	6.7
-20~0		0.4	0.7	1.0	1.2	1.3	1.7	2.6	4.4	4.6	7.1
0~20		0.5	1.0	1.2	1.3	1.5	1.8	2.8	4.8	4.9	7.6
20~40		0.5	1.2	1.5	1.6	1.7	1.9	3.1	5.2	5.3	8.2
40~60		0.6	1.3	1.6	1.7	1.8	2.2	3.4	5.7	5.9	8.8
60~80		0.8	1.5	1.9	2.0	2.2	2.6	3.7	6.2	6.3	9.3
80~100		1.0	1.7	2.2	2.3	2.5	3.0	4.0	6.5	6.7	9.7
100~120		1.3	1.9	2.3	2.3	2.5	3.2	4.3	6.7	6.9	10.1
120~140		1.5	2.0	2.4	2.5	2.6	3.4	4.5	6.9	7.1	10.5
140~160		1.7	2.1	2.6	2.8	2.9	3.7	4.7	7.1	7.2	10.9