

ZF2	673322	$n_d = 1.67270$	$v_d = 32.17$	$n_F - n_C = 0.020910$
		$n_e = 1.67765$	$v_e = 31.92$	$n_{F'} - n_{C'} = 0.021227$

Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance		
	λ (nm)	n_λ	P _{d,C}	0.2912	RC (S)	1	λ (nm)	$\tau_{5\text{mm}}$	$\tau_{10\text{mm}}$
n_{2325}	2325.42	1.63283	P _{e,d}	0.2367	RA (S)	3	2400	0.937	0.878
n_{1970}	1970.09	1.63777	P _{g,F}	0.5911	D _W	1	2200	0.949	0.901
n_{1530}	1529.58	1.64358	P' _{d,c'}	0.2421	D _A	2	2000	0.980	0.960
n_{1129}	1128.64	1.64972	P' _{e,d}	0.2332	R _{OH} (S)	2	1800	0.990	0.980
n_{1064}	1064.00	1.65099	P' _{g,F'}	0.5229	RP (S)	1	1600	0.999	0.998
n_t	1013.98	1.65209	Deviation of Relative Partial Dispersions		Expansion Coefficient α ($\times 10^{-7}/\text{K}$)		1400	0.999	0.998
n_s	852.11	1.65665					1200	0.999	0.998
$n_{A'}$	768.19	1.66003					1060	0.999	0.998
n_r	706.52	1.66327					1000	0.999	0.998
n_C	656.27	1.66661					950	0.999	0.998
$n_{C'}$	643.85	1.66756	$\Delta P_{F,e}$ -0.0004		$^{\circ}\text{C}$ α		900	0.999	0.998
$n_{\text{He-Ne}}$	632.80	1.66846	$\Delta P_{g,F}$ 0.0009		-50/-40 74		850	0.999	0.998
n_D	589.29	1.67252	$\Delta P_{C,t}$ -0.0016		-40/-30 76		800	0.999	0.998
n_d	587.56	1.67270	$\Delta P_{C,s}$ -0.0013		-30/-20 78		750	0.999	0.998
n_e	546.07	1.67765	Thermal Properties		-20/-10 79		700	0.999	0.998
n_F	486.13	1.68752	T _g ($^{\circ}\text{C}$) 443		-10/0 80		650	0.999	0.998
$n_{F'}$	479.99	1.68878	T _s ($^{\circ}\text{C}$) 490		0/10 81		600	0.999	0.998
n_g	435.84	1.69988	T ₁₀ ^{14.5} ($^{\circ}\text{C}$) 417		10/20 82		550	0.999	0.998
n_h	404.66	1.71070	T ₁₀ ¹³ ($^{\circ}\text{C}$) 430		20/30 82		500	0.999	0.998
n_i	365.01	1.73059	$\alpha_{-50/80^{\circ}\text{C}}$ ($10^{-7}/\text{K}$) 81		30/40 83		480	0.999	0.998
			$\alpha_{100/300^{\circ}\text{C}}$ ($10^{-7}/\text{K}$) 94		40/50 84		460	0.998	0.996
			λ (W/(m·K)) 0.74		50/60 84		440	0.996	0.993
					60/70 85		420	0.994	0.989
					70/80 85		400	0.990	0.976
					80/90 86		390	0.986	0.961
					90/100 86		380	0.973	0.932
					100/110 87		370	0.951	0.884
					110/120 88		360	0.895	0.772
					120/130 89		350	0.757	0.531
					130/140 90		340	0.434	0.152
					140/150 91		330		
					150/160 92		320		
							310		
							300		
							290		
							280		

Constants of Dispersion Formula	
A ₀	2.71117096E+00
A ₁	-9.26643122E-03
A ₂	2.71311967E-02
A ₃	1.51892246E-03
A ₄	-8.58228606E-05
A ₅	1.01100745E-05

Density	Solarization
ρ (g/cm ³) 4.07	$\Delta\lambda$ (%) -0.3

Range of Temperature ($^{\circ}\text{C}$)	Temperature Coefficients of Refractive Index									
	dn/dt relative ($\times 10^{-6} / ^{\circ}\text{C}$)									
	t	s	C	C'	He-Ne	d	e	F	F'	g
-60~-40	3.4	4.0	4.6	4.6	4.7	5.0	5.4	6.7	6.7	7.7
-40~-20	3.5	4.2	4.8	4.8	4.8	5.2	5.7	6.8	6.9	8.1
-20~0	3.8	4.4	5.0	5.0	5.1	5.3	6.0	7.2	7.3	8.4
0~20	3.9	4.5	5.1	5.2	5.2	5.5	6.2	7.4	7.5	8.7
20~40	4.0	4.6	5.2	5.3	5.4	5.8	6.4	7.6	7.7	8.9
40~60	4.2	4.8	5.4	5.5	5.6	6.1	6.6	7.9	8.0	9.3
60~80	4.5	5.1	5.7	5.8	5.9	6.4	6.9	8.2	8.3	9.7
80~100	4.7	5.3	6.0	6.0	6.1	6.6	7.1	8.6	8.7	10.0
100~120	4.9	5.5	6.2	6.2	6.3	6.8	7.3	8.9	8.9	10.3
120~140	5.2	5.7	6.4	6.4	6.5	7.0	7.5	9.1	9.2	10.6
140~160	5.4	5.8	6.5	6.6	6.7	7.2	7.8	9.4	9.5	10.9

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	380/335
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	360/335

Constants of dn/dt		
D ₀	D ₁	D ₂
3.63E-06	1.84E-08	-2.29E-11
E ₀	E ₁	λ_{TK}
1.17E-06	7.95E-10	2.59E-01