

H-K9LGT	517642	n _d = 1.51680	v _d = 64.20	n _F − n _C = 0.008050
		n _e = 1.51872	v _e = 64.00	n _{F'} − n _{C'} = 0.008105

Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance									
	λ (nm)	n _λ					λ (nm)	τ5mm	τ10mm							
n ₂₃₂₅	2325.42	1.48969	P _{d,C}	0.3081	RC (S)	1	2400	0.851	0.725							
n ₁₉₇₀	1970.09	1.49515	P _{e,d}	0.2385	RA (S)	1	2200	0.888	0.788							
n ₁₅₃₀	1529.58	1.50098	P _{g,F}	0.5379	D _W	2	2000	0.954	0.911							
n ₁₁₂₉	1128.64	1.50585	P' _{d,c'}	0.2566	D _A	1	1800	0.980	0.960							
n ₁₀₆₄	1064.00	1.50668	P' _{e,d}	0.2369	R _{OH} (S)	1	1600	0.994	0.988							
n _t	1013.98	1.50735	P' _{g,F'}	0.4787	RP (S)	1	1400	0.989	0.978							
n _s	852.11	1.50983			CR	1	1200	0.999	0.998							
n _{A'}	768.19	1.51145	Deviation of Relative Partial Dispersions		Expansion Coefficient α (×10 ⁻⁷ /K)		1060	0.999	0.998							
n _r	706.52	1.51290					1000	0.999	0.998							
n _C	656.27	1.51432					950	0.999	0.998							
n _{C'}	643.85	1.51472					900	0.999	0.998							
n _{He-Ne}	632.80	1.51509	P _{F,e}	-0.0013	°C	α	850	0.999	0.998							
n _D	589.29	1.51673	P _{g,F}	0.0009	-50/-40	67	800	0.999	0.998							
n _d	587.56	1.51680	P _{C,t}	0.0146	-40/-30	69	750	0.999	0.998							
n _e	546.07	1.51872	P _{C,s}	0.0033	-30/-20	70	700	0.999	0.998							
n _F	486.13	1.52237	Thermal Properties		-20/-10	71	650	0.999	0.998							
n _{F'}	479.99	1.52282			T _g (°C)	582	-10/0	72	600	0.999	0.998					
n _g	435.84	1.52670	T _s (°C)		630	0/10	73	550	0.999	0.998						
n _h	404.66	1.53027			T ₁₀ ^{14.5} (°C)	519	10/20	73	500	0.999	0.998					
n _i	365.01	1.53629	T ₁₀ ¹³ (°C)		548	20/30	74	480	0.999	0.998						
					α _{-50/80°C} (10 ⁻⁷ /K)	73	30/40	75	460	0.999	0.998					
			α _{100/300°C} (10 ⁻⁷ /K)		92	40/50	75	440	0.999	0.998						
					λ (W/(m·K))	1.22	50/60	76	420	0.999	0.998					
Constants of Dispersion Formula					60/70	77	400	0.999	0.998							
					70/80	78	390	0.998	0.997							
A ₀	2.27223852E+00		Mechanical Properties		80/90	79	380	0.997	0.995							
A ₁	-1.01682613E-02				HK (10 ⁷ Pa)	581	90/100	79	370	0.997	0.995					
A ₂	1.03945607E-02		F _A		100	100/110	80	360	0.996	0.993						
A ₃	2.29862391E-04				E (GPa)	76.9	110/120	81	350	0.993	0.986					
A ₄	-4.30423477E-06		G (GPa)		32.3	120/130	82	340	0.986	0.973						
A ₅	5.00107200E-08				μ	0.189	130/140	84	330	0.972	0.945					
Density		Solarization		σ _b (MPa)	92	140/150	85	320	0.941	0.885						
				B (10 ⁻¹² /Pa)	2.53	150/160	87	310	0.877	0.769						
											300	0.742	0.550			
Range of Temperature (°C)	Temperature Coefficients of Refractive Index										290	0.523	0.274			
											dn/dt relative (×10 ⁻⁶ / °C)					
	t	s	C	C'	He-Ne	d	e	F	F'	g						
	-60 ~ -40	1.6	1.7	1.9	1.9	1.9	2.0	2.3	2.6	2.7	2.9	λ ₈₀ (λ ₇₀)/λ ₅		310/280		
	-40 ~ -20	1.8	2.0	2.2	2.3	2.3	2.4	2.5	2.9	3.0	3.2	Coloration of Internal Transmittance				
	-20 ~ 0	2.0	2.2	2.3	2.3	2.5	2.5	2.6	3.0	3.0	3.3	λτ ₈₀ /λτ ₅			312/279	
	0 ~ 20	2.2	2.3	2.4	2.4	2.5	2.6	2.7	3.0	3.0	3.3	Constants of dn/dt				
	20 ~ 40	2.3	2.4	2.4	2.5	2.6	2.6	2.8	3.1	3.1	3.4	D ₀		D ₁		D ₂
	40 ~ 60	2.3	2.4	2.5	2.6	2.7	2.8	3.0	3.3	3.3	3.5	1.32E-06		2.02E-08		-4.68E-11
	60 ~ 80	2.4	2.5	2.6	2.7	2.7	2.8	3.0	3.3	3.3	3.6	E ₀		E ₁		λ _{TK}
80 ~ 100	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.3	3.3	3.5	4.63E-07		-4.16E-10		2.04E-01	
100 ~ 120	2.5	2.6	2.8	2.9	3.0	3.0	3.0	3.3	3.3	3.5						
120 ~ 140	2.5	2.6	2.9	3.0	3.0	3.0	3.0	3.3	3.4	3.6						
140 ~ 160	2.5	2.7	3.0	3.1	3.1	3.1	3.1	3.4	3.4	3.6						