

ZLaF58			803314		n _d = 1.80336			v _d = 31.43			n _F − n _C = 0.025560												
					n _e = 1.80941			v _e = 31.21			n _{F'} − n _{C'} = 0.025932												
Refractive Indices					Relative Partial Dispersion				Chemical Properties (grade)				Internal Transmittance										
		λ (nm)		n _λ					RC (S)		1		λ (nm)		τ5mm		τ10mm						
n ₂₃₂₅		2325.42		1.75659		P _{d,C}		0.2911		RA (S)		3		2400		0.968		0.937					
n ₁₉₇₀		1970.09		1.76193		P _{e,d}		0.2367		D _w		1		2200		0.995		0.990					
n ₁₅₃₀		1529.58		1.76837		P _{g,F}		0.5939		D _A		3		2000		0.998		0.996					
n ₁₁₂₉		1128.64		1.77547		P' _{d,c'}		0.2418		R _{OH} (S)		1		1800		0.998		0.996					
n ₁₀₆₄		1064.00		1.77699		P' _{e,d}		0.2333		RP (S)		1		1600		0.998		0.996					
n _t		1013.98		1.77830		P' _{g,F'}		0.5260						1400		0.998		0.996					
n _s		852.11		1.78382		Deviation of Relative Partial Dispersions				Expansion Coefficient α (×10 ⁻⁷ /K)				1200		0.998		0.996					
n _{A'}		768.19		1.78792										ΔP _{F,e}		-0.0006		°C		α		1060	
n _r		706.52		1.79186		ΔP _{g,F}		0.0025		-50/-40		47		1000		0.998		0.996					
n _C		656.27		1.79592		ΔP _{C,t}		-0.0031		-40/-30		50		950		0.998		0.996					
n _{C'}		643.85		1.79709		ΔP _{C,s}		-0.0024		-30/-20		51		900		0.998		0.996					
n _{He-Ne}		632.80		1.79818		Thermal Properties				-20/-10				52				850		0.998		0.996	
n _D		589.29		1.80314														T _g (°C)		567		-10/0	
n _d		587.56		1.80336		T _s (°C)		617		0/10		54		550		0.998		0.996					
n _e		546.07		1.80941		T ₁₀ ^{14.5} (°C)		526		10/20		55		500		0.996		0.992					
n _F		486.13		1.82148		T ₁₀ ¹³ (°C)		542		20/30		55		480		0.993		0.989					
n _{F'}		479.99		1.82302		α _{-50/80°C} (10 ⁻⁷ /K)		54		30/40		56		460		0.987		0.980					
n _g		435.84		1.83666		α _{100/300°C} (10 ⁻⁷ /K)		68		40/50		57		440		0.978		0.963					
n _h		404.66		1.85000		λ (W/(m·K))		0.75		50/60		58		420		0.957		0.924					
n _i		365.01		1.87451						60/70				59		400		0.905		0.830			
Constants of Dispersion Formula									70/80				59		390		0.853		0.739				
									80/90				60		380		0.767		0.602				
A ₀		3.13543652E+00			HK (10 ⁷ Pa)		510		90/100		61		370		0.619		0.398						
A ₁		-1.05061656E-02			F _A		184		100/110		61		360		0.372		0.149						
A ₂		3.74554959E-02			E (GPa)		56.8		110/120		63		350		0.094		0.014						
A ₃		1.36611172E-03			G (GPa)		22.8		120/130		64		340										
A ₄		-9.45470495E-06			μ		0.245		130/140		65		330										
A ₅		8.08479475E-06			σ _b (MPa)				140/150		66		320										
					B (10 ⁻¹² /Pa)		1.44		150/160		67		310										
															300								
															290								
															280								
															Coloration Code								
															λ ₈₀ (λ ₇₀)/λ ₅		430/355						
															Coloration of Internal Transmittance								
															λτ ₈₀ /λτ ₅		398/354						
															Constants of dn/dt								
															D ₀		D ₁		D ₂				
															1.39E-05		1.17E-08		-2.49E-11				
															E ₀		E ₁		λ _{TK}				
															4.39E-07		4.87E-10		3.56E-01				