

D-ZLaF52NC	810410	$n_d = 1.81000$	$v_d = 41.01$	$n_F - n_C = 0.019751$
		$n_e = 1.81469$	$v_e = 40.76$	$n_{F'} - n_{C'} = 0.019985$

Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance								
	λ (nm)	n _λ					λ (nm)	τ5mm	τ10mm						
n ₂₃₂₅	2325.42		P _{d,C}	0.2977	RC (S)	1	2400	0.835	0.698						
n ₁₉₇₀	1970.09		P _{e,d}	0.2375	RA (S)	2	2200	0.960	0.922						
n ₁₅₃₀	1529.58		P _{g,F}	0.5681	D _W	1	2000	0.984	0.968						
n ₁₁₂₉	1128.64	1.78670	P' _{d,c'}	0.2477	D _A	3	1800	0.995	0.990						
n ₁₀₆₄	1064.00	1.78813	P' _{e,d}	0.2347	R _{OH} (S)	1	1600	0.998	0.996						
n _t	1013.98	1.78933	P' _{g,F'}	0.5034	RP (S)	2	1400	0.999	0.997						
n _s	852.11	1.79417			CR	1	1200	0.999	0.998						
n _{A'}	768.19	1.79761	Deviation of Relative Partial Dispersions				1060	0.999	0.998						
n _r	706.52	1.80085					1000	0.999	0.998						
n _C	656.27	1.80412	P _{F,e}	-0.0028	Expansion Coefficient α (×10 ⁻⁷ /K)		950	0.999	0.998						
n _{C'}	643.85	1.80505	P _{g,F}	-0.0074			°C	α	900	0.999	0.998				
n _{He-Ne}	632.80	1.80592	P _{C,t}	0.0100	-50/-40	52	850	0.999	0.998						
n _D	589.29	1.80982	P _{C,s}	0.0049	-40/-30	53	800	0.999	0.998						
n _d	587.56	1.81000	Thermal Properties		-30/-20	53	750	0.999	0.998						
n _e	546.07	1.81469			-20/-10	55	700	0.999	0.998						
n _F	486.13	1.82387	T _g (°C)	550	-10/0	57	650	0.999	0.998						
n _{F'}	479.99	1.82503	T _s (°C)	590	0/10	57	600	0.999	0.998						
n _g	435.84	1.83509	T ₁₀ ^{14.5} (°C)	513	10/20	58	550	0.999	0.997						
n _h	404.66	1.84464	T ₁₀ ¹³ (°C)	532	20/30	59	500	0.997	0.994						
n _i	365.01	1.86150	α _{-50/80°C} (10 ⁻⁷ /K)	58	30/40	62	480	0.994	0.989						
			α _{100/300°C} (10 ⁻⁷ /K)	76	40/50	62	460	0.993	0.985						
			λ (W/(m·K))	0.91	50/60	62	440	0.989	0.979						
			β _d	137	60/70	63	420	0.985	0.971						
Constants of Dispersion Formula			Mechanical Properties		70/80	65	400	0.977	0.955						
					80/90	66	390	0.967	0.936						
A ₀	3.18520807E+00		HK (10 ⁷ Pa)	637	90/100	66	380	0.956	0.913						
A ₁	-1.37608761E-02		F _A	131	100/110	67	370	0.929	0.863						
A ₂	3.07955827E-02		E (GPa)	113.3	110/120	69	360	0.895	0.801						
A ₃	7.27147102E-04		G (GPa)	43.5	120/130	69	350	0.833	0.694						
A ₄	7.51921841E-06		μ	0.301	130/140	71	340	0.721	0.519						
A ₅	2.05148638E-06		σ _b (MPa)		140/150	71	330	0.517	0.267						
Density		Solarization		B (10 ⁻¹² /Pa)	2.15		320	0.223	0.050						
ρ (g/cm ³)	4.41	Δλ (%)	-0.5				310								
							300								
Range of Temperature	Temperature Coefficients of Refractive Index									290					
	dn/dt relative (×10 ⁻⁶ / °C)									280					