

D-ZLaF85L			854406		n _d = 1.853700		ν _d = 40.58		n _F - n _C = 0.021038					
					n _e = 1.858699		ν _e = 40.33		n _{F'} - n _{C'} = 0.021292					
折射率 Refractive Index*			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ							
	λ (nm)		P _{s,t}	0.2388	P' _{s,t}	0.2359	λ (nm)	τ (5mm)	τ (10mm)					
n _{2325.42}	2325.42	1.807882	P _{C,s}	0.4993	P' _{C',s}	0.5395	2400	0.903	0.815					
n _{1970.09}	1970.09	1.814510	P _{d,C}	0.2968	P' _{d,C'}	0.2471	2200	0.975	0.951					
n _{1529.58}	1529.58	1.821922	P _{e,d}	0.2376	P' _{e,d}	0.2348	2000	0.992	0.983					
n _{1060.0}	1060.0	1.830786	P _{g,F}	0.5684	P' _{g,F'}	0.5036	1800	0.998	0.997					
n _t	1013.98	1.831927	P _{i,h}	0.8503	P' _{i,h}	0.8402	1600	0.999	0.998					
n _s	852.11	1.836950	异常色散 Abnormal Dispersions				1400	0.999	0.998					
n _r	706.52	1.843982									1200	0.999	0.998	
n _C	656.27	1.847455									1060	0.999	0.998	
n _{C'}	643.85	1.848438	ΔP _{C,t}	0.0006	ΔP _{C,s}	0.0017	1000	0.999	0.998					
n _{He-Ne}	632.8	1.849360	ΔP _{F,e}	-0.0019	ΔP _{g,F}	-0.0081	950	0.999	0.998					
n _D	589.29	1.853515	着色度 Color Code				900	0.999	0.998					
n _d	587.56	1.853700									850	0.999	0.998	
n _e	546.07	1.858699									800	0.997	0.994	
n _F	486.13	1.868493	λ ₈₀ /λ ₅				700	0.996	0.993					
n _{F'}	479.99	1.869730	λ ₇₀ /λ ₅		375/340		650	0.995	0.991					
n _g	435.83	1.880452	热性质 Thermal Properties				600	0.995	0.990					
n _h	404.66	1.890629									550	0.994	0.989	
n _i	365.01	1.908518									500	0.991	0.983	
n _{313.18}	313.18		T _g (°C)		620		480	0.989	0.978					
n _{302.15}	302.15		T _s (°C)		664		460	0.986	0.972					
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{14.5} (°C)		604		440	0.982	0.965					
			T ₁₀ ¹³ (°C)		637		420	0.977	0.955					
			T ₁₀ ^{7.6} (°C)		721		400	0.966	0.933					
			α _{-30/70℃} (10 ⁻⁷ /K)		63		390	0.954	0.909					
			α _{100/300℃} (10 ⁻⁷ /K)		77		380	0.932	0.868					
			λ[W/(m·K)]		0.661		370	0.890	0.790					
			c _p [J/(g·K)]		0.387		360	0.790	0.630					
			化学性质 Chemical Properties		Grade		350	0.600	0.360					
							340	0.260	0.070					
							330							
折射率温度系数常数 Constants of dn/dt			D _W		1		320							
D ₀	4.58E-06		D _A		5		310							
D ₁	1.63E-08		CR		1		300							
D ₂	-3.37E-11		RC(S)		1		290							
E ₀	8.32E-07		RA(S)		3		280							
E ₁	7.24E-10													
λ _{TK} (μm)	0.214													
折射率温度系数 Temperature Coefficients of Refractive Index							机械性质 Mechanical Properties							
温度范围 (°C) Range of Temperature		dn/dt relative(10 ⁻⁶ /°C)					H _K (10 ⁷ Pa)		677					
							F _A		104					
-60~-40		4.7	5.6	6.0	6.2	7.1	7.9	E (10 ⁷ Pa)		11946				
-40~-20		4.8	5.7	6.0	6.3	7.2	8.0	G (10 ⁷ Pa)		4618				
-20~0		4.8	5.8	6.1	6.5	7.4	8.2	μ		0.293				
0~20		4.9	6.0	6.4	6.7	7.7	8.4	B (10 ⁻¹² /Pa)		1.79				
20~40		5.1	6.3	6.7	6.9	8.0	8.9	其他性质 Other Properties						
40~60		5.5	6.4	7.1	7.6	8.4	9.4							
60~80		5.8	6.6	7.2	7.7	8.4	9.7							
80~100		5.8	7.0	7.3	7.8	8.7	9.8							
100~120		6.0	7.1	7.4	8.0	9.0	9.9							
120~140		6.1	7.2	7.4	8.0	9.1	10.0	ρ (g/cm ³)		5.28				
备注 Remarks														
*:退火速率 anneal rate 4℃/h														