

D-ZLaF85LS			855406		$n_d = 1.854500$	$v_d = 40.59$	$n_F - n_C = 0.021050$				
					$n_e = 1.859501$	$v_e = 40.34$	$n_F - n_{C'} = 0.021305$				
折射率 Refractive Index*			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T				
	λ (nm)		$P_{s,t}$	0.2386	$P'_{s,t}$	0.2358	λ (nm)	τ (5mm)	τ (10mm)		
$n_{2325.42}$	2325.42	1.808659	$P_{C,s}$	0.4991	$P'_{C',s}$	0.5393	2400	0.904	0.817		
$n_{1970.09}$	1970.09	1.815292	$P_{d,C}$	0.2968	$P'_{d,C'}$	0.2471	2200	0.974	0.949		
$n_{1529.58}$	1529.58	1.822713	$P_{e,d}$	0.2376	$P'_{e,d}$	0.2347	2000	0.989	0.978		
$n_{1060.0}$	1060.0	1.831582	$P_{g,F}$	0.5686	$P'_{g,F'}$	0.5037	1800	0.997	0.994		
n_t	1013.98	1.832723	$P_{i,h}$	0.8501	$P'_{i,h}$	0.8399	1600	0.999	0.998		
n_s	852.11	1.837746	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n_r	706.52	1.844779					$\Delta P_{C,t}$	0.0002	$\Delta P_{C,s}$	0.0014	1200
n_C	656.27	1.848253	$\Delta P_{F,e}$	-0.0018	$\Delta P_{g,F}$	-0.0080	1060	0.999	0.998		
$n_{C'}$	643.85	1.849236	着色度 Color Code				1000	0.999	0.998		
n_{He-Ne}	632.8	1.850158					λ_{80}/λ_5				950
n_D	589.29	1.854315	λ_{70}/λ_5	375/340			900	0.999	0.998		
n_d	587.56	1.854500	热性质 Thermal Properties				850	0.999	0.998		
n_e	546.07	1.859501					T_g (°C)	622			800
n_F	486.13	1.869303	T_s (°C)	666			700	0.998	0.997		
$n_{F'}$	479.99	1.870541	$T_{10}^{14.5}$ (°C)	579			650	0.998	0.996		
n_g	435.83	1.881272	T_{10}^{13} (°C)	610			600	0.998	0.996		
n_h	404.66	1.891458	$T_{10}^{7.6}$ (°C)	723			550	0.997	0.995		
n_i	365.01	1.909352	$\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K)	81			500	0.995	0.991		
$n_{313.18}$	313.18		$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)				480	0.993	0.987		
$n_{302.15}$	302.15		$\lambda[W/(m \cdot K)]$				460	0.991	0.983		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.987	0.974		
							K_1	6.38690484E-01			420
L_1	3.19257637E-02			Grade				400	0.972	0.944	
K_2	1.69998504E+00							D_W	1		
L_2	7.91790668E-03			D_A	2			380	0.938	0.880	
K_3	1.45547394E+00			CR					370	0.896	0.803
L_3	1.12179157E+02			RC(S)	1			360	0.810	0.656	
折射率温度系数常数 Constants of dn/dt			RA(S)	2			350	0.626	0.392		
			D_0					340	0.303	0.092	
D_1					机械性质 Mechanical Properties				330		
D_2									H_k (10 ⁷ Pa)	648	
E_0					F_A	100					
E_1					E (10 ⁷ Pa)	12077					
$\lambda_{TK}(\mu m)$					G (10 ⁷ Pa)	4623					
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10⁻⁶/°C)				μ	0.306			
							B (10 ⁻¹² /Pa)	1.71			
温度范围 (°C)	t	C'	d	e	F'	g	其他性质 Other Properties				
Range of Temperature										ρ (g/cm ³)	5.29
-60~-40							备注 Remarks				
-40~-20	4.7	5.5	6.2	6.3	7.2	7.9				*: 退火速率 anneal rate 4°C/h	
-20~0	5.0	5.7	6.2	6.4	7.2	8.4					
0~20	5.2	6.0	6.3	6.7	7.3	8.8					
20~40	5.5	6.5	7.0	7.2	8.2	9.3					
40~60	5.7	6.7	7.2	7.6	8.6	9.4					
60~80	5.7	7.0	7.3	7.6	8.6	9.5					
80~100											
100~120											
120~140											