

H-ZLaF1			802443		$n_d = 1.801660$	$v_d = 44.26$	$n_F - n_C = 0.018111$			
					$n_e = 1.805966$	$v_e = 44.01$	$n_F - n_{C'} = 0.018312$			
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T			
	λ (nm)		$P_{s,t}$	0.2559	$P'_{s,t}$	0.2531	λ (nm)	τ (5mm)	τ (10mm)	
$n_{2325.42}$	2325.42	1.756381	$P_{C,s}$	0.5133	$P'_{C',s}$	0.5544	2400	0.832	0.693	
$n_{1970.09}$	1970.09	1.764002	$P_{d,C}$	0.2990	$P'_{d,C'}$	0.2490	2200	0.958	0.917	
$n_{1529.58}$	1529.58	1.772225	$P_{e,d}$	0.2378	$P'_{e,d}$	0.2351	2000	0.986	0.973	
$n_{1060.0}$	1060.0	1.781230	$P_{g,F}$	0.5625	$P'_{g,F'}$	0.4986	1800	0.998	0.997	
n_t	1013.98	1.782314	$P_{i,h}$	0.8340	$P'_{i,h}$	0.8248	1600	0.999	0.998	
n_s	852.11	1.786949	异常色散 Abnormal Dispersions				1400	0.999	0.998	
n_r	706.52	1.793207					$\Delta P_{C,t}$	0.0144	$\Delta P_{C,s}$	0.0069
n_C	656.27	1.796245	$\Delta P_{F,e}$	-0.0022	$\Delta P_{g,F}$	-0.0078	1060	0.999	0.998	
$n_{C'}$	643.85	1.797101	着色度 Color Code				1000	0.999	0.998	
n_{He-Ne}	632.8	1.797902					λ_{80}/λ_5	390/320		950
n_D	589.29	1.801500	λ_{70}/λ_5			900	0.999	0.998		
n_d	587.56	1.801660	热性质 Thermal Properties				850	0.999	0.998	
n_e	546.07	1.805966					T_g (°C)	669		800
n_F	486.13	1.814356	T_s (°C)	693		700	0.997	0.995		
$n_{F'}$	479.99	1.815413	$T_{10}^{14.5}$ (°C)	621		650	0.997	0.994		
n_g	435.83	1.824544	T_{10}^{13} (°C)	653		600	0.997	0.994		
n_h	404.66	1.833178	$T_{10}^{7.6}$ (°C)	741		550	0.997	0.994		
n_i	365.01	1.848282	$\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K)	53		500	0.995	0.990		
$n_{313.18}$	313.18		$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)	72		480	0.994	0.987		
$n_{302.15}$	302.15		$\lambda[W/(m \cdot K)]$			460	0.992	0.983		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.989	0.978	
							K_1	5.13637795E-01		Grade
L_1	3.13064446E-02		D_W	1		400	0.976	0.952		
K_2	1.65030785E+00		D_A	6		390	0.967	0.935		
L_2	7.35388780E-03		CR	1		380	0.952	0.905		
K_3	1.47644096E+00		RC(S)	1		370	0.926	0.858		
L_3	1.00105262E+02		RA(S)	3		360	0.884	0.781		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.815	0.664	
							D_0	3.15E-06		H_K (10 ⁷ Pa)
D_1	1.76E-08		D_1	1.76E-08		F_A	98			
D_2	-6.68E-11		CR	1		E (10 ⁷ Pa)	12321			
E_0	5.20E-07		RC(S)	1		G (10 ⁷ Pa)	4768			
E_1	1.18E-10		RA(S)	3		μ	0.292			
$\lambda_{TK}(\mu m)$	0.262					B (10 ⁻¹² /Pa)	1.54			
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)			
温度范围 (°C)		dn/dt relative(10⁻⁶/°C)							4.30	
Range of Temperature		t	C'	d	e	F'	g	备注 Remarks		
-60~-40										
-40~-20		3.0	3.8	4.0	4.0	4.8	5.2			
-20~0		3.5	4.3	4.5	5.0	5.6	6.3			
0~20		4.0	4.5	4.8	5.0	5.7	6.4			
20~40		4.1	4.6	4.9	5.1	5.7	6.5			
40~60		4.1	4.9	5.1	5.4	6.2	6.7			
60~80		4.3	4.8	5.3	5.5	6.3	7.0			
80~100										
100~120										
120~140										