

H-ZLaF4LA			911353		n _d = 1.910820		v _d = 35.25		n _F - n _C = 0.025839		
					n _e = 1.916943		v _e = 35.00		n _{F'} - n _{C'} = 0.026196		
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}	0.2267	P' _{s,t}	0.2236	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.858979	P _{C,s}	0.4858	P' _{C',s}	0.5245	2400	0.919	0.845		
n _{1970.09}	1970.09	1.865841	P _{d,C}	0.2935	P' _{d,C'}	0.2441	2200	0.977	0.954		
n _{1529.58}	1529.58	1.873678	P _{e,d}	0.2370	P' _{e,d}	0.2337	2000	0.990	0.980		
n _{1060.0}	1060.0	1.883517	P _{g,F}	0.5832	P' _{g,F'}	0.5163	1800	0.996	0.993		
n _t	1013.98	1.884827	P _{i,h}	0.9157	P' _{i,h}	0.9032	1600	0.998	0.997		
n _s	852.11	1.890684	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.899054					ΔP _{C,t}	0.0001	ΔP _{C,s}	0.0007	1200
n _C	656.27	1.903236	ΔP _{F,e}	-0.0008	ΔP _{g,F}	-0.0024	1060	0.999	0.998		
n _{C'}	643.85	1.904425	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.905542					λ ₈₀ /λ ₅				950
n _D	589.29	1.910594	λ ₇₀ /λ ₅	400/355			900	0.998	0.997		
n _d	587.56	1.910820	热性质 Thermal Properties				850	0.998	0.997		
n _e	546.07	1.916943					T _g (°C)	693			800
n _F	486.13	1.929075	T _s (°C)	735			700	0.996	0.992		
n _{F'}	479.99	1.930621	T ₁₀ ^{14.5} (°C)	648			650	0.995	0.990		
n _g	435.83	1.944145	T ₁₀ ¹³ (°C)	680			600	0.996	0.992		
n _h	404.66	1.957222	T ₁₀ ^{7.6} (°C)	795			550	0.994	0.988		
n _i	365.01	1.980882	α _{30/70°C} (10 ⁻⁷ /K)	71			500	0.988	0.976		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	85			480	0.982	0.965		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.975	0.950		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.963	0.928		
							K ₁	2.21255100E+00		Grade	
L ₁	1.18172540E-02		D _w	1			400	0.906	0.821		
K ₂	3.12542616E-01		D _A	1			390	0.865	0.748		
L ₂	4.95862580E-02		CR	1			380	0.793	0.629		
K ₃	1.56862457E+00		RC(S)	1			370	0.660	0.435		
L ₃	1.15526490E+02		RA(S)	2			360	0.418	0.175		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350				
							D ₀	1.14E-06		H _k (10 ⁷ Pa)	728
D ₁	1.37E-08		折射率温度系数 Temperature Coefficients of Refractive Index				F _A	92			
D ₂	-2.92E-11						温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)		E (10 ⁷ Pa)
E ₀	8.94E-07		t	C'	d	e					F'
E ₁	8.60E-10		-60~-40	2.6	3.7	4.2	4.5	5.6	6.5	μ	0.304
λ _{TK} (μm)	0.239		-40~-20	2.7	3.8	4.3	4.7	5.7	6.9	B (10 ⁻¹² /Pa)	1.14
其他性质 Other Properties			0~-20	3.0	4.0	4.4	4.8	5.8	7.0	备注 Remarks	
			20~40	3.2	4.1	4.4	5.1	6.0	7.2		
			40~60	3.4	4.7	5.1	5.5	6.6	7.9		
			60~80	3.5	4.9	5.3	5.8	7.0	8.2		
			80~100	3.6	4.9	5.4	5.9	7.3	8.6		
			100~120	3.7	4.9	5.6	6.1	7.4	8.8		
			120~140	3.7	5.1	5.7	6.3	7.5	9.0		
			ρ (g/cm ³)		5.07						