

H-ZLaF90			001254			n _d = 2.000690		v _d = 25.43		n _F - n _C = 0.039357	
						n _e = 2.009964		v _e = 25.22		n _{F'} - n _{C'} = 0.040040	
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}	0.2061	P' _{s,t}	0.2026	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.932093	P _{C,s}	0.4605	P' _{C',s}	0.4965	2400	0.943	0.889		
n _{1970.09}	1970.09	1.939734	P _{d,C}	0.2868	P' _{d,C'}	0.2381	2200	0.982	0.964		
n _{1529.58}	1529.58	1.948854	P _{e,d}	0.2356	P' _{e,d}	0.2316	2000	0.993	0.985		
n _{1060.0}	1060.0	1.961397	P _{g,F}	0.6141	P' _{g,F'}	0.5428	1800	0.997	0.995		
n _t	1013.98	1.963165	P _{i,h}		P' _{i,h}		1600	0.999	0.998		
n _s	852.11	1.971278	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.983278					ΔP _{C,t}	0.0006	ΔP _{C,s}	-0.0013	1200
n _C	656.27	1.989403	ΔP _{F,e}	0.0019	ΔP _{g,F}	0.0117	1060	0.999	0.998		
n _{C'}	643.85	1.991156	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.992810					λ ₈₀ /λ ₅				950
n _D	589.29	2.000350	λ ₇₀ /λ ₅	445/370			900	0.999	0.998		
n _d	587.56	2.000690	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	2.009964					T _g (°C)	683			800
n _F	486.13	2.028760	T _s (°C)	724			700	0.998	0.996		
n _{F'}	479.99	2.031196	T ₁₀ ^{14.5} (°C)	634			650	0.996	0.993		
n _g	435.83	2.052931	T ₁₀ ¹³ (°C)	668			600	0.995	0.990		
n _h	404.66	2.074723	T ₁₀ ^{7.6} (°C)	785			550	0.991	0.982		
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)	70			500	0.977	0.955		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	87			480	0.966	0.934		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.953	0.908		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.925	0.856		
							K ₁	4.94167183E-01		Grade	
L ₁	6.02358038E-02		D _w	1			400	0.764	0.583		
K ₂	2.31375143E+00		D _A	1			390	0.658	0.433		
L ₂	1.37149187E-02		CR				380	0.466	0.217		
K ₃	2.27929870E+00		RC(S)	1			370	0.184	0.034		
L ₃	1.48088436E+02		RA(S)	1			360				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350				
							D ₀	-2.20E-06		H _k (10 ⁷ Pa)	625
D ₁	1.40E-08		D _A	1			320				
D ₂	-1.91E-11		CR				310				
E ₀	1.04E-06		RC(S)	1			300				
E ₁	1.38E-09		RA(S)	1			290				
λ _{TK} (μm)	0.290		折射率温度系数 Temperature Coefficients of Refractive Index				280				
温度范围 (°C) Range of Temperature							dn/dt relative(10 ⁻⁶ /°C)				机械性质 Mechanical Properties
			t	C'	d	e					F'
-60~-40	0.5	1.7	1.9	2.8	4.4	6.0	F _A	124			
-40~-20	0.7	2.1	2.3	2.9	4.8	6.4	E (10 ⁷ Pa)	12348			
-20~0	0.8	2.2	2.9	3.3	5.3	7.2	G (10 ⁷ Pa)	4756			
0~20	1.0	2.3	3.2	3.8	5.5	7.8	μ	0.298			
20~40	1.2	2.7	3.5	4.3	6.0	8.4	B (10 ⁻¹² /Pa)				
40~60	1.3	3.0	3.7	4.6	6.6	9.0	其他性质 Other Properties				
60~80	1.4	3.2	3.9	4.7	6.8	9.4	ρ (g/cm ³)	4.74			
80~100	1.6	3.5	4.1	5.1	7.1	9.8	备注 Remarks				
100~120	2.1	4.0	4.7	5.6	7.7	10.5					
120~140	2.5	4.5	5.4	6.5	8.5	11.4					