

H-ZLaF50D			804466		n _d = 1.804000		v _d = 46.58		n _F - n _C = 0.017262	
					n _e = 1.808108		v _e = 46.33		n _{F'} - n _{C'} = 0.017443	
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}	0.2582	P' _{s,t}	0.2555	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42	1.760570	P _{C,s}	0.5170	P' _{C',s}	0.5587	2400	0.856	0.733	
n _{1970.09}	1970.09	1.767876	P _{d,C}	0.3001	P' _{d,C'}	0.2500	2200	0.963	0.927	
n _{1529.58}	1529.58	1.775754	P _{e,d}	0.2380	P' _{e,d}	0.2355	2000	0.985	0.971	
n _{1060.0}	1060.0	1.784395	P _{g,F}	0.5574	P' _{g,F'}	0.4942	1800	0.995	0.991	
n _t	1013.98	1.785437	P _{i,h}	0.8134	P' _{i,h}	0.8050	1600	0.998	0.997	
n _s	852.11	1.789894	异常色散 Abnormal Dispersions				1400	0.999	0.998	
n _r	706.52	1.795906					ΔP _{C,t}	0.0095	ΔP _{C,s}	0.0052
n _C	656.27	1.798819	ΔP _{F,e}	-0.0023	ΔP _{g,F}	-0.0090	1060	0.999	0.998	
n _{C'}	643.85	1.799639	着色度 Color Code				1000	0.999	0.998	
n _{He-Ne}	632.8	1.800406					λ ₈₀ /λ ₅	390/315		950
n _D	589.29	1.803847	λ ₇₀ /λ ₅			900	0.999	0.998		
n _d	587.56	1.804000	热性质 Thermal Properties				850	0.999	0.998	
n _e	546.07	1.808108					T _g (°C)	687		800
n _F	486.13	1.816081	T _s (°C)	719		700	0.998	0.996		
n _{F'}	479.99	1.817082	T ₁₀ ^{14.5} (°C)	645		650	0.997	0.995		
n _g	435.83	1.825702	T ₁₀ ¹³ (°C)	669		600	0.997	0.995		
n _h	404.66	1.833801	T ₁₀ ^{7.6} (°C)	770		550	0.997	0.995		
n _i	365.01	1.847842	α _{30/70°C} (10 ⁻⁷ /K)	62		500	0.996	0.993		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	79		480	0.995	0.990		
n _{302.15}	302.15		λ[W/(m·K)]			460	0.993	0.987		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.991	0.982	
							K ₁	4.97440659E-01		Grade
L ₁	2.85446966E-02		D _w	1		400	0.980	0.960		
K ₂	1.67780264E+00		D _A	3		390	0.972	0.945		
L ₂	7.88379288E-03		CR	1		380	0.958	0.918		
K ₃	1.32327423E+00		RC(S)	1		370	0.933	0.870		
L ₃	9.40514342E+01		RA(S)	2		360	0.889	0.790		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.823	0.678	
							D ₀	1.43E-06		H _k (10 ⁷ Pa)
D ₁	1.84E-08		Grade				330	0.577	0.333	
D ₂	1.12E-10						D _w	1		320
E ₀	9.58E-07		D _A	3		310				
E ₁	3.67E-09		CR	1		300				
λ _{TK} (μm)	0.085		RC(S)	1		290				
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				其他性质 Other Properties			
							ρ (g/cm ³)		4.52	
温度范围 (°C)							备注 Remarks			
Range of Temperature	t	C'	d	e	F'	g				
-60~-40										
-40~-20	2.7	3.2	4.1	4.3	4.5	4.7				
-20~0	2.8	3.3	4.0	4.4	4.6	5.2				
0~20	3.0	3.4	4.1	4.5	5.0	5.6				
20~40	3.3	4.2	4.7	4.9	5.8	6.5				
40~60	4.1	5.0	5.4	5.4	6.7	7.4				
60~80	4.3	5.9	6.3	6.5	7.5	8.5				
80~100										
100~120										
120~140										