

H-ZLaF56B			806333			n _d = 1.806100		ν _d = 33.27		n _F - n _C = 0.024230	
						n _e = 1.811831		ν _e = 33.02		n _{F'} - n _{C'} = 0.024587	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ				
	λ (nm)		P _{s,t}	0.2260	P' _{s,t}	0.2227	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.756884	P _{C,s}	0.4823	P' _{C',s}	0.5203	2400	0.905	0.820		
n _{1970.09}	1970.09	1.763623	P _{d,C}	0.2920	P' _{d,C'}	0.2427	2200	0.959	0.921		
n _{1529.58}	1529.58	1.771255	P _{e,d}	0.2365	P' _{e,d}	0.2331	2000	0.985	0.971		
n _{1060.0}	1060.0	1.780633	P _{g,F}	0.5924	P' _{g,F'}	0.5243	1800	0.993	0.985		
n _t	1013.98	1.781864	P _{i,h}	0.9666	P' _{i,h}	0.9525	1600	0.997	0.994		
n _s	852.11	1.787340	异常色散 Abnormal Dispersions				1400	0.998	0.996		
n _r	706.52	1.795133					ΔP _{C,t}	0.0053	ΔP _{C,s}	0.0019	1200
n _C	656.27	1.799026	ΔP _{F,e}	0.0001	ΔP _{g,F}	0.0034	1060	0.999	0.998		
n _{C'}	643.85	1.800133	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.801174					λ ₈₀ /λ _s	425/360		950	0.999
n _D	589.29	1.805889	λ ₇₀ /λ _s			900	0.999	0.998			
n _d	587.56	1.806100	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.811831					T _g (°C)	659		800	0.997
n _F	486.13	1.823256	T _s (°C)	707		700	0.997	0.995			
n _{F'}	479.99	1.824720	T ₁₀ ^{14.5} (°C)	616		650	0.997	0.995			
n _g	435.83	1.837611	T ₁₀ ¹³ (°C)	650		600	0.997	0.995			
n _h	404.66	1.850249	T ₁₀ ^{7.6} (°C)	767		550	0.996	0.993			
n _i	365.01	1.873669	α _{30/70°C} (10 ⁻⁷ /K)	74		500	0.993	0.986			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	86		480	0.990	0.981			
n _{302.15}	302.15		λ[W/(m·K)]	0.817		460	0.986	0.972			
色散公式常数 Constants of Dispersion Formula			c _p [J/(g·K)]	0.555		440	0.980	0.961			
			化学性质 Chemical Properties				Grade	330			
K ₁	1.93771288E+00	Grade					320				
L ₁	1.22003756E-02					D _w	1		310		
K ₂	1.56440326E+00	D _A	2		300						
L ₂	1.22447532E+02	CR	1		290						
K ₃	2.14505628E-01	RC(S)	1		280						
L ₃	5.78880425E-02	RA(S)	3								
折射率温度系数常数 Constants of dn/dt			Grade				机械性质 Mechanical Properties				
							D ₀	-1.63E-06	H _K (10 ⁷ Pa)	582	
D ₁	1.50E-08	FA	149								
D ₂	-2.72E-11	E (10 ⁷ Pa)	11594								
E ₀	9.12E-07	G (10 ⁷ Pa)	4526								
E ₁	8.32E-10	μ	0.281								
λ _{TK} (μm)	0.249	B (10 ⁻¹² /Pa)	1.79								
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)	3.79			
温度范围 (°C)							备注 Remarks				
Range of Temperature	t	C'	d	e	F'	g					
-60~-40	0.7	1.7	2.1	2.4	3.2	4.2					
-40~-20	0.8	1.8	2.3	2.6	3.3	4.6					
-20~0	1.0	2.0	2.5	2.8	3.6	5.0					
0~20	1.2	2.3	2.7	3.0	4.0	5.2					
20~40	1.3	2.4	2.8	3.2	4.2	5.6					
40~60	1.5	2.5	3.0	3.4	4.6	5.7					
60~80	1.6	2.7	3.2	3.7	4.8	6.1					
80~100	1.7	3.0	3.5	3.9	5.1	6.5					
100~120	2.0	3.1	3.6	4.0	5.4	6.6					
120~140	2.1	3.1	3.7	4.3	5.6	6.9					