

H-ZLaF50E			804466		n _d = 1.804000		v _d = 46.57		n _F - n _C = 0.017263		
					n _e = 1.808108		v _e = 46.32		n _{F'} - n _{C'} = 0.017445		
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}	0.2571	P' _{s,t}	0.2544	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.760900	P _{C,s}	0.5160	P' _{C',s}	0.5576	2400	0.852	0.726		
n _{1970.09}	1970.09	1.768091	P _{d,C}	0.3000	P' _{d,C'}	0.2499	2200	0.927	0.860		
n _{1529.58}	1529.58	1.775869	P _{e,d}	0.2380	P' _{e,d}	0.2355	2000	0.960	0.922		
n _{1060.0}	1060.0	1.784438	P _{g,F}	0.5576	P' _{g,F'}	0.4943	1800	0.976	0.953		
n _t	1013.98	1.785475	P _{i,h}	0.8121	P' _{i,h}	0.8036	1600	0.985	0.970		
n _s	852.11	1.789913	异常色散 Abnormal Dispersions				1400	0.991	0.983		
n _r	706.52	1.795912					ΔP _{C,t}	0.0074	ΔP _{C,s}	0.0042	1200
n _C	656.27	1.798821	ΔP _{F,e}	-0.0022	ΔP _{g,F}	-0.0088	1060	0.996	0.993		
n _{C'}	643.85	1.799641	着色度 Color Code				1000	0.997	0.995		
n _{He-Ne}	632.8	1.800408					λ ₈₀ /λ ₅	380/310		950	0.998
n _D	589.29	1.803847	λ ₇₀ /λ ₅			900	0.998	0.996			
n _d	587.56	1.804000	热性质 Thermal Properties				850	0.998	0.997		
n _e	546.07	1.808108					T _g (°C)	691		800	0.998
n _F	486.13	1.816084	T _s (°C)	719		700	0.998	0.996			
n _{F'}	479.99	1.817086	T ₁₀ ^{14.5} (°C)	652		650	0.998	0.996			
n _g	435.83	1.825709	T ₁₀ ¹³ (°C)	683		600	0.998	0.996			
n _h	404.66	1.833806	T ₁₀ ^{7.6} (°C)	768		550	0.998	0.996			
n _i	365.01	1.847825	α _{30/70} (10 ⁻⁷ /K)	62		500	0.997	0.994			
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	78		480	0.996	0.993			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.995	0.991			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.993	0.986		
							K ₁	1.22239213E+00		Grade	
L ₁	4.45444481E-03		D _w	1		400	0.985	0.970			
K ₂	9.52859931E-01		D _A	3		390	0.980	0.960			
L ₂	2.29973985E-02		CR	1		380	0.971	0.943			
K ₃	1.37994067E+00		RC(S)	1		370	0.954	0.910			
L ₃	9.91991267E+01		RA(S)	2		360	0.926	0.857			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.880	0.775		
							D ₀	1.15E-06		H _k (10 ⁷ Pa)	705
D ₁	1.32E-08		D _A	3		330	0.677	0.459			
D ₂	-1.72E-11		CR	1		320	0.451	0.203			
E ₀	6.09E-07		RC(S)	1		310	0.158	0.025			
E ₁	4.60E-10		RA(S)	2		300					
λ _{TK} (μm)	0.211		温度范围 (°C)				290				
折射率温度系数 Temperature Coefficients of Refractive Index							dn/dt relative(10 ⁻⁶ /°C)				280
			Range of Temperature		t	C'					d
-60~-40		2.6	2.9	3.0	3.6	4.0	4.5	ρ (g/cm ³)		4.44	
-40~-20		2.6	3.3	3.5	3.7	4.2	4.6	备注 Remarks			
-20~0		2.6	3.2	3.7	3.9	4.3	4.8				
0~20		2.6	3.5	3.7	3.9	4.5	5.3				
20~40		2.7	3.5	3.8	4.1	4.6	5.4				
40~60		2.7	3.6	3.9	4.2	4.7	5.5				
60~80		2.9	3.8	4.0	4.3	4.8	5.6				
80~100		3.2	3.9	4.1	4.3	5.2	5.8				
100~120		3.7	4.0	4.2	4.5	5.4	5.8				
120~140		3.8	4.5	4.6	5.1	5.7	6.2				