

H-ZLaF55D			835427		n _d = 1.834810		v _d = 42.73		n _F - n _C = 0.019539		
					n _e = 1.839455		v _e = 42.48		n _{F'} - n _{C'} = 0.019763		
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}	0.2475	P' _{s,t}	0.2447	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.789181	P _{C,s}	0.5072	P' _{C',s}	0.5479	2400	0.869	0.756		
n _{1970.09}	1970.09	1.796354	P _{d,C}	0.2982	P' _{d,C'}	0.2483	2200	0.965	0.931		
n _{1529.58}	1529.58	1.804187	P _{e,d}	0.2377	P' _{e,d}	0.2350	2000	0.986	0.972		
n _{1060.0}	1060.0	1.813124	P _{g,F}	0.5643	P' _{g,F'}	0.5001	1800	0.996	0.991		
n _t	1013.98	1.814237	P _{i,h}	0.8405	P' _{i,h}	0.8309	1600	0.999	0.997		
n _s	852.11	1.819073	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.825726					ΔP _{C,t}	0.0071	ΔP _{C,s}	0.0044	1200
n _C	656.27	1.828983	ΔP _{F,e}	-0.0022	ΔP _{g,F}	-0.0086	1060	0.999	0.998		
n _{C'}	643.85	1.829902	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.830764					λ ₈₀ /λ ₅	400/320		950	0.999
n _D	589.29	1.834638	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.834810	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.839455					T _g (°C)	692		800	0.999
n _F	486.13	1.848522	T _s (°C)	722		700	0.999	0.998			
n _{F'}	479.99	1.849665	T ₁₀ ^{14.5} (°C)	645		650	0.999	0.998			
n _g	435.83	1.859548	T ₁₀ ¹³ (°C)	674		600	0.999	0.998			
n _h	404.66	1.868906	T ₁₀ ^{7.6} (°C)	771		550	0.999	0.998			
n _i	365.01	1.885328	α _{30/70°C} (10 ⁻⁷ /K)	64		500	0.997	0.995			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	81		480	0.996	0.993			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.994	0.989			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.991	0.982		
							K ₁	2.27765275E-01		Grade	420
L ₁	4.12221798E-02		D _w	1		400	0.978	0.957			
K ₂	2.04686906E+00		D _A	2		390	0.969	0.939			
L ₂	1.07489490E-02		CR	1		380	0.956	0.913			
K ₃	1.20888928E+00		RC(S)	1		370	0.929	0.863			
L ₃	8.78518998E+01		RA(S)	2		360	0.888	0.788			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.817	0.668		
							D ₀	1.05E-06		H _k (10 ⁷ Pa)	684
D ₁	1.59E-08		折射率温度系数 Temperature Coefficients of Refractive Index				330	0.468	0.219		
D ₂	-2.67E-11						D _w	1		320	0.170
E ₀	6.94E-07		D _A	2		310					
E ₁	2.64E-10		CR	1		300					
λ _{TK} (μm)	0.221		RC(S)	1		290					
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				280				
							Range of Temperature	t	C'	d	e
-60~-40	2.2	3.2	3.6	3.7	4.3	5.1	ρ (g/cm ³)		4.56		
-40~-20	2.3	3.4	3.7	3.8	4.5	5.2	备注 Remarks				
-20~0	2.4	3.4	3.7	3.9	4.6	5.4					
0~20	2.5	3.5	3.7	4.1	4.8	5.5					
20~40	2.9	3.6	4.0	4.3	5.2	5.7					
40~60	3.2	4.0	4.2	4.6	5.3	6.0					
60~80	3.3	4.1	4.3	4.7	5.4	6.3					
80~100	3.5	4.2	4.5	4.8	5.6	6.6					
100~120	3.5	4.3	4.6	4.9	5.8	6.9					
120~140	3.6	4.5	4.8	5.1	6.1	7.1					