

H-ZLaF4LB			911353				n _d = 1.910820		v _d = 35.28		n _F - n _C = 0.025815	
							n _e = 1.916937		v _e = 35.03		n _{F'} - n _{C'} = 0.026173	
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}	0.2268	P' _{s,t}	0.2237	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.858972	P _{C,s}	0.4858	P' _{C',s}	0.5245	2400	0.922	0.850			
n _{1970.09}	1970.09	1.865850	P _{d,C}	0.2935	P' _{d,C'}	0.2441	2200	0.978	0.956			
n _{1529.58}	1529.58	1.873698	P _{e,d}	0.2370	P' _{e,d}	0.2337	2000	0.990	0.980			
n _{1060.0}	1060.0	1.883539	P _{g,F}	0.5834	P' _{g,F'}	0.5164	1800	0.997	0.994			
n _t	1013.98	1.884849	P _{i,h}	0.9169	P' _{i,h}	0.9043	1600	0.999	0.998			
n _s	852.11	1.890703	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.899066					ΔP _{C,t}	0.0001	ΔP _{C,s}	0.0007	1200	0.999
n _C	656.27	1.903244	ΔP _{F,e}	-0.0007	ΔP _{g,F}	-0.0022	1060	0.999	0.998			
n _{C'}	643.85	1.904431	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.905547					λ ₈₀ /λ ₅				950	0.999
n _D	589.29	1.910594	λ ₇₀ /λ ₅	400/355			900	0.999	0.998			
n _d	587.56	1.910820	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.916937					T _g (°C)	711			800	0.999
n _F	486.13	1.929059	T _s (°C)	746			700	0.999	0.998			
n _{F'}	479.99	1.930604	T ₁₀ ^{14.5} (°C)	661			650	0.998	0.997			
n _g	435.83	1.944119	T ₁₀ ¹³ (°C)	694			600	0.998	0.996			
n _h	404.66	1.957193	T ₁₀ ^{7.6} (°C)	805			550	0.997	0.994			
n _i	365.01	1.980862	α _{30/70°C} (10 ⁻⁷ /K)	66			500	0.992	0.983			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	88			480	0.987	0.975			
n _{302.15}	302.15		λ[W/(m·K)]				460	0.982	0.964			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				Grade					
							D _w	1				
K ₁	3.03787540E-01		D _A	1								
L ₁	5.00877320E-02		CR	1								
K ₂	2.22145931E+00		RC(S)	2								
L ₂	1.18758260E-02		RA(S)	1								
K ₃	1.54968685E+00											
L ₃	1.13957667E+02											
折射率温度系数常数 Constants of dn/dt												
			D ₀	2.77E-07								
D ₁	1.42E-08											
D ₂	-4.04E-11											
E ₀	8.52E-07											
E ₁	9.84E-10											
λ _{TK} (μm)	0.245											
折射率温度系数 Temperature Coefficients of Refractive Index							机械性质 Mechanical Properties					
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				H _k (10 ⁷ Pa)		707			
Range of Temperature			t	C'	d	e	F'	g	F _A			
-60~-40			1.8	3.0	3.3	3.8	4.5	5.7	E (10 ⁷ Pa)			
-40~-20			1.8	3.0	3.3	3.8	4.6	5.8	G (10 ⁷ Pa)			
-20~0			2.3	3.2	3.7	4.0	5.1	6.2	μ			
0~20			2.6	3.4	4.1	4.4	5.4	6.4	B (10 ⁻¹² /Pa)			
20~40			2.7	3.7	4.2	4.5	5.7	6.9	其他性质 Other Properties			
40~60			2.9	3.9	4.4	4.9	6.1	7.3				ρ (g/cm ³)
60~80			2.9	4.1	4.6	5.1	6.2	7.5	4.84			
80~100			2.8	4.2	4.7	5.2	6.4	7.8	备注 Remarks			
100~120			2.7	4.4	4.9	5.4	6.6	8.1				
120~140			2.9	4.3	5.0	5.5	6.7	8.3				