

H-ZLaF71AGT 850322			n _d = 1.850260		v _d = 32.22		n _F - n _C = 0.026392					
			n _e = 1.856503		v _e = 31.97		n _{F'} - n _{C'} = 0.026788					
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}	0.2187	P' _{s,t}	0.2155	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.800316	P _{C,s}	0.4766	P' _{C',s}	0.5144	2400	0.952	0.906			
n _{1970.09}	1970.09	1.806452	P _{d,C}	0.2912	P' _{d,C'}	0.2420	2200	0.980	0.961			
n _{1529.58}	1529.58	1.813600	P _{e,d}	0.2365	P' _{e,d}	0.2331	2000	0.990	0.981			
n _{1060.0}	1060.0	1.822947	P _{g,F}	0.5937	P' _{g,F'}	0.5253	1800	0.995	0.990			
n _t	1013.98	1.824224	P _{i,h}	0.9652	P' _{i,h}	0.9509	1600	0.998	0.996			
n _s	852.11	1.829996	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.838361					ΔP _{C,t}	-0.0027	ΔP _{C,s}	-0.0013	1200	0.999
n _C	656.27	1.842575	ΔP _{F,e}	0.0003	ΔP _{g,F}	0.0029	1060	0.999	0.998			
n _{C'}	643.85	1.843776	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.844906					λ ₈₀ /λ ₅				950	0.999
n _D	589.29	1.850030	λ ₇₀ /λ ₅	395/355			900	0.999	0.998			
n _d	587.56	1.850260	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.856503					T _g (°C)	720			800	0.998
n _F	486.13	1.868967	T _s (°C)	762			700	0.997	0.994			
n _{F'}	479.99	1.870564	T ₁₀ ^{14.5} (°C)	671			650	0.996	0.993			
n _g	435.83	1.884637	T ₁₀ ¹³ (°C)	706			600	0.995	0.991			
n _h	404.66	1.898424	T ₁₀ ^{7.6} (°C)	831			550	0.994	0.989			
n _i	365.01	1.923898	α _{30/70°C} (10 ⁻⁷ /K)	72			500	0.989	0.978			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	82			480	0.985	0.971			
n _{302.15}	302.15		λ[W/(m·K)]				460	0.981	0.962			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.973	0.947			
							K ₁	1.54172779E+00		Grade		420
L ₁	1.31963779E+02		D _w	1		400	0.925	0.856				
K ₂	2.03469901E+00		D _A	1		390	0.884	0.782				
L ₂	1.25481283E-02		CR	1		380	0.801	0.641				
K ₃	2.64811834E-01		RC(S)	1		370	0.616	0.379				
L ₃	5.59794710E-02		RA(S)	2		360	0.277	0.077				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D ₀	1.47E-06		H _k (10 ⁷ Pa)	588	
D ₁	1.75E-08		折射率温度系数 Temperature Coefficients of Refractive Index				F _A	177				
D ₂	-1.77E-11						温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)		E (10 ⁷ Pa)	10696
E ₀	6.76E-07		Range of Temperature	t	C'	d	e	F'	g	G (10 ⁷ Pa)	4186	
E ₁	4.45E-10		-60~-40							μ	0.277	
λ _{TK} (μm)	0.301		-40~-20	2.7	3.5	3.9	4.2	5.4	6.6	B (10 ⁻¹² /Pa)	1.76	
			-20~0	2.9	3.6	4.1	4.5	5.5	7.0	其他性质 Other Properties		
			0~20	3.0	3.7	4.2	4.8	5.7	7.3			
			20~40	3.2	4.3	4.4	5.1	6.2	7.5	ρ (g/cm ³)	4.42	
			40~60	3.4	4.5	4.8	5.3	6.4	7.9	备注 Remarks		
			60~80	3.6	4.6	5.1	5.6	6.8	8.3			
			80~100									
			100~120									
			120~140									