

H-LaF55			762401				n _d = 1.762000		v _d = 40.11		n _F - n _C = 0.019000	
							n _e = 1.766509		v _e = 39.83		n _{F'} - n _{C'} = 0.019244	
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}	0.2342	P' _{s,t}	0.2312	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.721805	P _{C,s}	0.4940	P' _{C',s}	0.5336	2400	0.903	0.815			
n _{1970.09}	1970.09	1.727456	P _{d,C}	0.2955	P' _{d,C'}	0.2459	2200	0.957	0.916			
n _{1529.58}	1529.58	1.733819	P _{e,d}	0.2373	P' _{e,d}	0.2343	2000	0.981	0.962			
n _{1060.0}	1060.0	1.741545	P _{g,F}	0.5747	P' _{g,F'}	0.5089	1800	0.990	0.981			
n _t	1013.98	1.742551	P _{i,h}	0.8784	P' _{i,h}	0.8672	1600	0.997	0.994			
n _s	852.11	1.747000	异常色散 Abnormal Dispersions				1400	0.998	0.996			
n _r	706.52	1.753275					ΔP _{C,t}	-0.0071	ΔP _{C,s}	-0.0025	1200	0.999
n _C	656.27	1.756386	ΔP _{F,e}	-0.0005	ΔP _{g,F}	-0.0027	1060	0.999	0.998			
n _{C'}	643.85	1.757268	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.758097					λ ₈₀ /λ ₅	385/340			950	0.999
n _D	589.29	1.761833	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.762000	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.766509					T _g (°C)	619			800	0.998
n _F	486.13	1.775386	T _s (°C)	673			700	0.998	0.996			
n _{F'}	479.99	1.776512	T ₁₀ ^{14.5} (°C)	578			650	0.997	0.995			
n _g	435.83	1.786306	T ₁₀ ¹³ (°C)	613			600	0.997	0.995			
n _h	404.66	1.795679	T ₁₀ ^{7.6} (°C)	746			550	0.997	0.995			
n _i	365.01	1.812368	α _{30/70} (10 ⁻⁷ /K)	82			500	0.996	0.992			
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	95			480	0.995	0.990			
n _{302.15}	302.15		λ[W/(m·K)]				460	0.994	0.988			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				机械性质 Mechanical Properties					
												D _w
K ₁	1.73920103E+00						F _A	179				
L ₁	9.74400845E-03						E (10 ⁷ Pa)	9460				
K ₂	1.16162575E+00						G (10 ⁷ Pa)	3663				
L ₂	1.11118099E+02						μ	0.291				
K ₃	2.79488106E-01						B (10 ⁻¹² /Pa)	1.68				
L ₃	4.23325277E-02						其他性质 Other Properties					
折射率温度系数常数 Constants of dn/dt			化学性质 Chemical Properties									其他性质 Other Properties
							Grade			ρ (g/cm ³)		
D ₀	-2.76E-06						备注 Remarks					
D ₁	1.53E-08											
D ₂	-4.05E-11											
E ₀	7.53E-07											
E ₁	5.10E-10											
λ _{TK} (μm)	0.241											
折射率温度系数 Temperature Coefficients of Refractive Index			化学性质 Chemical Properties				机械性质 Mechanical Properties					
温度范围 (°C)			dn/dt relative(10⁻⁶/°C)				其他性质 Other Properties					
Range of Temperature			t	C'	d	e	F'	g				
-60~-40			0.0	0.8	1.1	1.3	2.1	2.7				
-40~-20			0.1	0.8	1.1	1.4	2.1	3.0				
-20~0			0.2	1.0	1.2	1.5	2.2	3.2				
0~20			0.4	1.2	1.4	1.8	2.4	3.5				
20~40			0.6	1.3	1.6	2.1	2.7	3.6				
40~60			0.7	1.4	1.8	2.2	3.0	3.8				
60~80			0.7	1.5	2.0	2.3	3.2	3.9				
80~100			0.8	1.7	2.0	2.3	3.3	4.2				
100~120			0.8	1.7	2.1	2.3	3.4	4.3				
120~140			0.9	1.9	2.3	2.4	3.5	4.4				