

H-LaK54			734515		n _d = 1.734000		v _d = 51.49		n _F - n _C = 0.014256		
					n _e = 1.737396		v _e = 51.25		n _{F'} - n _{C'} = 0.014389		
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}	0.2751	P' _{s,t}	0.2726	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.693824	P _{C,s}	0.5315	P' _{C',s}	0.5743	2400	0.810	0.650		
n _{1970.09}	1970.09	1.701236	P _{d,C}	0.3027	P' _{d,C'}	0.2522	2200	0.948	0.899		
n _{1529.58}	1529.58	1.709087	P _{e,d}	0.2382	P' _{e,d}	0.2360	2000	0.981	0.962		
n _{1060.0}	1060.0	1.717247	P _{g,F}	0.5495	P' _{g,F'}	0.4875	1800	0.992	0.985		
n _t	1013.98	1.718186	P _{i,h}	0.7875	P' _{i,h}	0.7802	1600	0.998	0.997		
n _s	852.11	1.722108	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.727238					ΔP _{C,t}	0.0177	ΔP _{C,s}	0.0080	1200
n _C	656.27	1.729685	ΔP _{F,e}	-0.0024	ΔP _{g,F}	-0.0086	1060	0.999	0.998		
n _{C'}	643.85	1.730371	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.731011					λ ₈₀ /λ ₅	365/275		950	0.999
n _D	589.29	1.733873	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.734000	热性质 Thermal Properties				850	0.998	0.997		
n _e	546.07	1.737396					T _g (°C)	639		800	0.998
n _F	486.13	1.743941	T _s (°C)	676		700	0.997	0.995			
n _{F'}	479.99	1.744760	T ₁₀ ^{14.5} (°C)	597		650	0.997	0.994			
n _g	435.83	1.751774	T ₁₀ ¹³ (°C)	626		600	0.997	0.994			
n _h	404.66	1.758314	T ₁₀ ^{7.6} (°C)	729		550	0.997	0.994			
n _i	365.01	1.769541	α _{30/70} (10 ⁻⁷ /K)	51		500	0.996	0.992			
n _{313.18}	313.18	1.792663	α _{100/300} (10 ⁻⁷ /K)	74		480	0.995	0.990			
n _{302.15}	302.15	1.799588	λ[W/(m·K)]			460	0.993	0.987			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.992	0.984		
							Grade				
K ₁	1.20772937E+00		D _w	1		420	0.989	0.979			
L ₁	1.76389155E-02		D _A	3		400	0.984	0.969			
K ₂	7.37418371E-01		CR	1		390	0.978	0.957			
L ₂	6.66515982E-04		RC(S)	1		380	0.969	0.938			
K ₃	1.35749026E+00		RA(S)	3		370	0.951	0.905			
L ₃	9.69938806E+01					360	0.924	0.853			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.880	0.780		
							H _k (10 ⁷ Pa)	770		340	0.820
D ₀	5.91E-06		D _w	1		330	0.730	0.530			
D ₁	1.71E-08		D _A	3		320	0.620	0.390			
D ₂	-2.96E-11		CR	1		310	0.490	0.240			
E ₀	5.65E-07		RC(S)	1		300	0.350	0.120			
E ₁	5.05E-10		RA(S)	3		290	0.200	0.040			
λ _{TK} (μm)	0.196					280					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		4.01		
							备注 Remarks				
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)								
Range of Temperature			t	C'	d	e	F'	g			
-60~-40			4.7	5.2	5.4	5.6	6.1	6.6			
-40~-20			4.8	5.3	5.6	5.7	6.3	6.8			
-20~0			5.1	5.4	5.7	5.9	6.5	7.0			
0~20			5.4	5.8	6.0	6.4	6.7	7.4			
20~40			5.5	6.1	6.4	6.7	7.1	7.6			
40~60			5.6	6.2	6.5	6.7	7.2	7.7			
60~80			5.6	6.2	6.5	6.7	7.2	7.7			
80~100			5.8	6.5	6.6	7.0	7.5	8.0			
100~120			5.9	6.7	6.9	7.3	7.7	8.4			
120~140			6.3	7.1	7.5	7.6	8.3	8.9			