

H-LaK52			729547				n _d = 1.729160		ν _d = 54.68		n _F - n _C = 0.013334	
							n _e = 1.732338		ν _e = 54.46		n _{F'} - n _{C'} = 0.013448	
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}	0.2847	P' _{s,t}	0.2823	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.689231	P _{C,s}	0.5398	P' _{C',s}	0.5833	2400	0.840	0.700			
n _{1970.09}	1970.09	1.696947	P _{d,C}	0.3041	P' _{d,C'}	0.2535	2200	0.948	0.898			
n _{1529.58}	1529.58	1.705021	P _{e,d}	0.2383	P' _{e,d}	0.2363	2000	0.981	0.962			
n _{1060.0}	1060.0	1.713192	P _{g,F}	0.5448	P' _{g,F'}	0.4836	1800	0.992	0.985			
n _t	1013.98	1.714111	P _{i,h}	0.7740	P' _{i,h}	0.7675	1600	0.998	0.996			
n _s	852.11	1.717907	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.722794					ΔP _{C,t}	0.0206	ΔP _{C,s}	0.0088	1200	0.999
n _C	656.27	1.725105	ΔP _{F,e}	-0.0023	ΔP _{g,F}	-0.0078	1060	0.999	0.998			
n _{C'}	643.85	1.725751	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.726354					λ ₈₀ /λ ₅	365/275			950	0.999
n _D	589.29	1.729041	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.729160	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.732338					T _g (°C)	680			800	0.999
n _F	486.13	1.738439	T _s (°C)	705			700	0.998	0.997			
n _{F'}	479.99	1.739199	T ₁₀ ^{14.5} (°C)	638			650	0.998	0.997			
n _g	435.83	1.745703	T ₁₀ ¹³ (°C)	662			600	0.997	0.995			
n _h	404.66	1.751745	T ₁₀ ^{7.6} (°C)	754			550	0.997	0.995			
n _i	365.01	1.762066	α _{30/70} (10 ⁻⁷ /K)	56			500	0.997	0.994			
n _{313.18}	313.18	1.783138	α _{100/300} (10 ⁻⁷ /K)	72			480	0.997	0.994			
n _{302.15}	302.15	1.789401	λ[W/(m·K)]				460	0.995	0.991			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				机械性质 Mechanical Properties					
												K ₁
折射率温度系数常数 Constants of dn/dt			Grade				其他性质 Other Properties					
												L ₁
D ₀			6.32E-07		1		F _A		108			
			D ₁			1.75E-08		3		E (10 ⁷ Pa)		11761
D ₂						-2.89E-11		1		G (10 ⁷ Pa)		4554
			E ₀			5.00E-07		1		μ		0.291
E ₁						3.79E-10		3		B (10 ⁻¹² /Pa)		1.43
			λ _{TK} (μm)			0.163				备注 Remarks		
折射率温度系数 Temperature Coefficients of Refractive Index						dn/dt relative(10 ⁻⁶ /°C)						
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)									
Range of Temperature			t	C'	d	e	F'	g				
-60~-40			1.7	2.2	2.3	2.5	3.1	3.3				
-40~-20			1.9	2.3	2.4	2.7	3.1	3.4				
-20~0			2.1	2.3	2.5	2.7	3.1	3.4				
0~20			2.2	2.5	2.7	2.8	3.2	3.6				
20~40			2.3	2.7	2.9	3.0	3.5	3.9				
40~60			2.4	3.0	3.3	3.4	3.7	4.4				
60~80			2.7	3.3	3.5	3.7	3.9	4.6				
80~100			2.9	3.4	3.6	3.8	4.2	4.6				
100~120			2.9	3.6	3.8	3.9	4.3	4.6				
120~140			3.0	3.7	3.9	4.0	4.5	4.7				