

H-LaK53B 755523			n _d = 1.755000		v _d = 52.32		n _F - n _C = 0.014430		
			n _e = 1.758439		v _e = 52.09		n _{F'} - n _{C'} = 0.014561		
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}	0.2769	P' _{s,t}	0.2744	λ (nm)	τ (5mm)	τ (10mm)
n _{2325.42}	2325.42	1.713846	P _{C,s}	0.5335	P' _{C',s}	0.5764	2400	0.799	0.639
n _{1970.09}	1970.09	1.721539	P _{d,C}	0.3031	P' _{d,C'}	0.2527	2200	0.944	0.892
n _{1529.58}	1529.58	1.729628	P _{e,d}	0.2383	P' _{e,d}	0.2362	2000	0.980	0.961
n _{1060.0}	1060.0	1.737976	P _{g,F}	0.5475	P' _{g,F'}	0.4859	1800	0.994	0.987
n _t	1013.98	1.738933	P _{i,h}	0.7816	P' _{i,h}	0.7746	1600	0.998	0.996
n _s	852.11	1.742928	异常色散 Abnormal Dispersions				1400	0.998	0.996
n _r	706.52	1.748142					ΔP _{C,t}	0.0175	ΔP _{C,s}
n _C	656.27	1.750626	ΔP _{F,e}	-0.0025	ΔP _{g,F}	-0.0091	1060	0.999	0.998
n _{C'}	643.85	1.751321	着色度 Color Code				1000	0.999	0.998
n _{He-Ne}	632.8	1.751971					λ ₈₀ /λ ₅	370/275	
n _D	589.29	1.754872	λ ₇₀ /λ ₅			900	0.999	0.998	
n _d	587.56	1.755000	热性质 Thermal Properties				850	0.999	0.998
n _e	546.07	1.758439					T _g (°C)	691	
n _F	486.13	1.765056	T _s (°C)	710		700	0.999	0.998	
n _{F'}	479.99	1.765882	T ₁₀ ^{14.5} (°C)	641		650	0.999	0.998	
n _g	435.83	1.772957	T ₁₀ ¹³ (°C)	666		600	0.999	0.998	
n _h	404.66	1.779543	T ₁₀ ^{7.6} (°C)	754		550	0.998	0.997	
n _i	365.01	1.790822	α _{-30/70} (10 ⁻⁷ /K)	57		500	0.998	0.997	
n _{313.18}	313.18	1.813974	α _{100/300} (10 ⁻⁷ /K)	73		480	0.997	0.994	
n _{302.15}	302.15	1.820890	λ[W/(m·K)]			460	0.996	0.993	
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.993	0.986
							K ₁	1.03141220E+00	
L ₁	3.95421648E-03		D _w	1		400	0.986	0.972	
K ₂	9.85282193E-01		D _A	3		390	0.981	0.962	
L ₂	1.86863118E-02		CR	1		380	0.973	0.946	
K ₃	1.17066017E+00		RC(S)	1		370	0.955	0.912	
L ₃	8.11326753E+01		RA(S)	2		360	0.926	0.857	
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.882	0.778
							D ₀	1.22E-06	
D ₁	1.66E-08		RC	1		F _A	93		
D ₂	-2.94E-11		RA(S)	2		E (10 ⁷ Pa)	12169		
E ₀	5.17E-07					G (10 ⁷ Pa)	4701		
E ₁	4.19E-10					μ	0.294		
λ _{TK} (μm)	0.196					B (10 ⁻¹² /Pa)	1.42		
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				其他性质 Other Properties		
温度范围 (°C)	t	C'	d	e	F'	g			
Range of Temperature									
-60~-40	2.3	2.7	2.7	3.0	3.6	3.7			
-40~-20	2.3	2.8	2.9	3.1	3.7	4.0			
-20~0	2.3	3.0	3.1	3.3	3.7	4.1			
0~20	2.4	3.0	3.2	3.3	3.7	4.3			
20~40	2.6	3.3	3.4	3.7	4.0	4.5			
40~60	2.8	3.5	3.6	4.0	4.4	5.0			
60~80	3.1	3.6	3.9	4.1	4.7	5.1			
80~100	3.4	3.7	4.0	4.3	4.8	5.3			
100~120	3.4	3.8	4.2	4.3	4.9	5.3			
120~140	3.5	4.0	4.3	4.5	5.0	5.5			
			备注 Remarks						