

H-LaK72			713518				n _d = 1.713000		v _d = 51.81		n _F - n _C = 0.013763						
							n _e = 1.716278		v _e = 51.53		n _{F'} - n _{C'} = 0.013901						
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}	0.2568	P' _{s,t}	0.2542	λ (nm)	τ (5mm)	τ (10mm)								
n _{2325.42}	2325.42	1.679240	P _{C,s}	0.5178	P' _{C',s}	0.5598	2400	0.874	0.764								
n _{1970.09}	1970.09	1.684705	P _{d,C}	0.3009	P' _{d,C'}	0.2507	2200	0.950	0.903								
n _{1529.58}	1529.58	1.690676	P _{e,d}	0.2382	P' _{e,d}	0.2358	2000	0.980	0.960								
n _{1060.0}	1060.0	1.697378	P _{g,F}	0.5530	P' _{g,F'}	0.4904	1800	0.991	0.981								
n _t	1013.98	1.698199	P _{i,h}	0.7935	P' _{i,h}	0.7856	1600	0.997	0.994								
n _s	852.11	1.701733	异常色散 Abnormal Dispersions				1400	0.998	0.996								
n _r	706.52	1.706530					ΔP _{C,t}	-0.0158	ΔP _{C,s}	-0.0064	1200	0.999	0.998				
n _C	656.27	1.708859	ΔP _{F,e}	-0.0004	ΔP _{g,F}	-0.0045	1060	0.999	0.998								
n _{C'}	643.85	1.709515	着色度 Color Code				1000	0.999	0.998								
n _{He-Ne}	632.8	1.710128					λ ₈₀ /λ ₅	365/290		950	0.999	0.998					
n _D	589.29	1.712878	λ ₇₀ /λ ₅			900	0.999	0.998									
n _d	587.56	1.713000	热性质 Thermal Properties				850	0.999	0.998								
n _e	546.07	1.716278					T _g (°C)	644		800	0.999	0.998					
n _F	486.13	1.722622	T _s (°C)	671		700	0.998	0.997									
n _{F'}	479.99	1.723416	T ₁₀ ^{14.5} (°C)	588		650	0.998	0.996									
n _g	435.83	1.730233	T ₁₀ ¹³ (°C)	623		600	0.998	0.996									
n _h	404.66	1.736595	T ₁₀ ^{7.6} (°C)	84		550	0.997	0.995									
n _i	365.01	1.747516	α _{-30/70} (°C)(10 ⁻⁷ /K)	98		500	0.997	0.995									
n _{313.18}	313.18	1.769991	α _{100/300} (°C)(10 ⁻⁷ /K)			480	0.997	0.994									
n _{302.15}	302.15	1.776714	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				Grade		440	0.996	0.993						
							K ₁	7.46934431E-01		D _w	1		420	0.996	0.993		
							L ₁	1.72608475E-03		D _A	3		400	0.994	0.989		
							K ₂	1.12652731E+00		CR	1		390	0.991	0.982		
							L ₂	1.76390536E-02		RC(S)	2		380	0.984	0.969		
							K ₃	1.11422643E+00		RA(S)	5		370	0.972	0.945		
							L ₃	1.10121875E+02						360	0.950	0.903	
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				H _k (10 ⁷ Pa)		514								
							D ₀	-6.19E-06		F _A		185					
							D ₁	1.16E-08		E (10 ⁷ Pa)							
							D ₂	-2.90E-11		G (10 ⁷ Pa)							
							E ₀	4.99E-07		μ							
							E ₁	8.23E-10		B (10 ⁻¹² /Pa)							
							λ _{TK} (μm)	0.225		其他性质 Other Properties				ρ (g/cm ³)		4.34	
折射率温度系数 Temperature Coefficients of Refractive Index							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		-1.7	-1.4	-1.2	-0.9	-0.7	-0.4										
-40~-20		-1.7	-1.3	-1.1	-0.9	-0.6	-0.3										
-20~0		-1.6	-1.3	-1.1	-0.8	-0.5	-0.2										
0~20		-1.6	-1.3	-1.0	-0.8	-0.4	0.1										
20~40		-1.5	-1.2	-0.8	-0.6	-0.3	0.4										
40~60		-1.5	-1.1	-0.7	-0.5	-0.1	0.5										
60~80		-1.5	-1.0	-0.7	-0.5	0.0	0.6										
80~100		-1.4	-0.9	-0.5	-0.4	0.1	0.7										
100~120		-1.3	-0.8	-0.4	-0.3	0.2	0.7										
120~140		-1.2	-0.7	-0.4	-0.2	0.2	0.8										