

H-K51			523586			n _d = 1.523070		v _d = 58.64		n _F - n _C = 0.008920	
						n _e = 1.525196		v _e = 58.37		n _{F'} - n _{C'} = 0.008998	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透透率 Internal Transmittance T				
	λ (nm)		P _{s,t}	0.2812	P' _{s,t}	0.2787	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.497135	P _{C,s}	0.5371	P' _{C',s}	0.5804	2400	0.908	0.825		
n _{1970.09}	1970.09	1.501990	P _{d,C}	0.3038	P' _{d,C'}	0.2533	2200	0.924	0.853		
n _{1529.58}	1529.58	1.507145	P _{e,d}	0.2383	P' _{e,d}	0.2363	2000	0.967	0.935		
n _{1060.0}	1060.0	1.512456	P _{g,F}	0.5452	P' _{g,F'}	0.4839	1800	0.985	0.971		
n _t	1013.98	1.513061	P _{i,h}	0.7717	P' _{i,h}	0.7651	1600	0.998	0.997		
n _s	852.11	1.515569	异常色散 Abnormal Dispersions				1400	0.998	0.997		
n _r	706.52	1.518818					ΔP _{C,t}	-0.0043	ΔP _{C,s}	-0.0033	1200
n _C	656.27	1.520360	ΔP _{F,e}	0.0002	ΔP _{g,F}	-0.0007	1060	0.999	0.998		
n _{C'}	643.85	1.520791	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.521194					λ ₈₀ /λ ₅	345/310		950	0.999
n _D	589.29	1.522991	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.523070	热性质 Thermal Properties				850	0.998	0.997		
n _e	546.07	1.525196					T _g (°C)	558		800	0.998
n _F	486.13	1.529280	T _s (°C)	610		700	0.998	0.996			
n _{F'}	479.99	1.529789	T ₁₀ ^{14.5} (°C)	504		650	0.997	0.995			
n _g	435.83	1.534143	T ₁₀ ¹³ (°C)	547		600	0.997	0.996			
n _h	404.66	1.538182	T ₁₀ ^{7.6} (°C)	735		550	0.997	0.996			
n _i	365.01	1.545066	α _{-30/70} (10 ⁻⁷ /K)	80		500	0.997	0.996			
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	99		480	0.997	0.995			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.997	0.995			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.997	0.994		
							K ₁	9.60161808E-01		Grade	420
L ₁	1.16242480E+02		D _w	2		400	0.997	0.994			
K ₂	1.18368963E+00		D _A	1		390	0.994	0.989			
L ₂	1.18029997E-02		CR	2		380	0.990	0.981			
K ₃	1.02338243E-01		RC(S)	2		370	0.986	0.972			
L ₃	-1.89575777E-02		RA(S)	1		360	0.973	0.947			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.946	0.895		
							D ₀	-7.23E-07		H _k (10 ⁷ Pa)	541
D ₁	1.38E-08		折射率温度系数 Temperature Coefficients of Refractive Index				330	0.750	0.560		
D ₂	-8.37E-11						dn/dt relative(10 ⁻⁶ /°C)			320	0.470
E ₀	5.74E-07		温度范围 (°C)	t	C'	d	e	F'	g		
E ₁	1.43E-09		Range of Temperature								
λ _{TK} (μm)	0.169		-60~-40								
其他性质 Other Properties			40~-20	0.9	1.0	1.3	1.8	1.8	2.1		
			ρ (g/cm ³)	2.53		-20~0	1.2	1.8	1.9	1.9	2.2
备注 Remarks			0~20	1.4	1.5	1.7	1.8	1.9	2.4		
			20~40	1.3	1.9	2.0	2.1	2.4	2.7		
			40~60	1.2	1.9	2.0	2.0	2.8	3.0		
			60~80	1.3	1.7	1.9	2.3	2.7	2.9		
			80~100								
			100~120								
			120~140								