

H-F52			614346		n _d = 1.613850		v _d = 34.60		n _F - n _C = 0.017739	
					n _e = 1.618043		v _e = 34.33		n _{F'} - n _{C'} = 0.018002	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ			
	λ (nm)		P _{s,t}	0.2307	P' _{s,t}	0.2273	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42	1.575975	P _{C,s}	0.4846	P' _{C',s}	0.5226	2400	0.963	0.927	
n _{1970.09}	1970.09	1.581541	P _{d,C}	0.2918	P' _{d,C'}	0.2425	2200	0.970	0.941	
n _{1529.58}	1529.58	1.587744	P _{e,d}	0.2364	P' _{e,d}	0.2329	2000	0.989	0.978	
n _{1060.0}	1060.0	1.595054	P _{g,F}	0.5950	P' _{g,F'}	0.5267	1800	0.991	0.982	
n _t	1013.98	1.595985	P _{i,h}	0.9845	P' _{i,h}	0.9701	1600	0.996	0.992	
n _s	852.11	1.600077					1400	0.998	0.996	
n _r	706.52	1.605820	异常色散 Abnormal Dispersions				1200	0.999	0.998	
n _C	656.27	1.608674	ΔP _{C,t}	0.0060	ΔP _{C,s}	0.0011	1060	0.999	0.998	
n _{C'}	643.85	1.609484	ΔP _{F,e}	0.0012	ΔP _{g,F}	0.0082	1000	0.999	0.998	
n _{He-Ne}	632.8	1.610246					950	0.999	0.998	
n _D	589.29	1.613696					900	0.999	0.998	
n _d	587.56	1.613850	着色度 Color Code				850	0.999	0.998	
n _e	546.07	1.618043	λ ₈₀ /λ ₅		380/350		800	0.999	0.998	
n _F	486.13	1.626413	λ ₇₀ /λ ₅				700	0.999	0.998	
n _{F'}	479.99	1.627486					650	0.999	0.997	
n _g	435.83	1.636968					600	0.999	0.998	
n _h	404.66	1.646310					550	0.999	0.998	
n _i	365.01	1.663774	热性质 Thermal Properties				500	0.998	0.996	
n _{313.18}	313.18		T _g (°C)			543	480	0.997	0.994	
n _{302.15}	302.15		T _s (°C)			600	460	0.996	0.993	
			T ₁₀ ^{14.5} (°C)			501	440	0.996	0.992	
			T ₁₀ ¹³ (°C)			530	420	0.994	0.989	
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{7.6} (°C)			660	400	0.988	0.976	
K ₁	1.45718564E-01		α _{-30/70℃} (10 ⁻⁷ /K)			83	390	0.977	0.954	
L ₁	5.88531707E-02		α _{100/300℃} (10 ⁻⁷ /K)			98	380	0.943	0.890	
K ₂	1.38809572E+00		λ[W/(m·K)]				370	0.840	0.706	
L ₂	1.06276429E-02						360	0.528	0.279	
K ₃	1.21907399E+00						350	0.158	0.025	
L ₃	1.26468492E+02						340			
			化学性质 Chemical Properties				330			
						Grade	320			
折射率温度系数常数 Constants of dn/dt			D _W			1	310			
D ₀	-4.58E-06		D _A			1	300			
D ₁	1.65E-08		CR			1	290			
D ₂	-4.33E-11		RC(S)			2	280			
E ₀	7.20E-07		RA(S)			1				
E ₁	7.30E-10									
λ _{TK} (μm)	0.284									
折射率温度系数 Temperature Coefficients of Refractive Index							机械性质 Mechanical Properties			
温度范围 (°C) Range of Temperature		dn/dt relative(10 ⁻⁶ /°C)					H _K (10 ⁷ Pa)		458	
		t	C'	d	e	F'	g	F _A		128
-60~-40		-1.0	-0.2	0.1	0.4	1.0	2.0	E (10 ⁷ Pa)		7073
-40~-20		-0.7	-0.1	0.2	0.4	1.2	2.0	G (10 ⁷ Pa)		2855
-20~0		-0.6	0.0	0.3	0.6	1.3	2.1	μ		0.239
0~20		-0.4	0.2	0.5	0.7	1.4	2.4	B (10 ⁻¹² /Pa)		
20~40		-0.3	0.4	0.7	1.0	1.7	2.8			
40~60		-0.1	0.5	0.8	1.1	2.0	2.9	其他性质 Other Properties		
60~80		-0.1	0.6	1.0	1.3	2.2	3.0	ρ (g/cm ³)		2.74
80~100		-0.1	0.7	1.0	1.4	2.4	3.4			
100~120		0.0	0.8	1.1	1.6	2.5	3.5	备注 Remarks		
120~140		0.0	0.9	1.1	1.6	2.5	3.6			