

H-F1			603380			n _d = 1.603420		v _d = 38.01		n _F - n _C = 0.015875	
						n _e = 1.607180		v _e = 37.74		n _{F'} - n _{C'} = 0.016089	
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}	0.2410	P' _{s,t}	0.2378	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.567062	P _{C,s}	0.4957	P' _{C',s}	0.5348	2400	0.934	0.873		
n _{1970.09}	1970.09	1.572775	P _{d,C}	0.2945	P' _{d,C'}	0.2449	2200	0.944	0.892		
n _{1529.58}	1529.58	1.579046	P _{e,d}	0.2369	P' _{e,d}	0.2337	2000	0.976	0.953		
n _{1060.0}	1060.0	1.586167	P _{g,F}	0.5836	P' _{g,F'}	0.5169	1800	0.987	0.975		
n _t	1013.98	1.587050	P _{i,h}	0.9321	P' _{i,h}	0.9197	1600	0.997	0.994		
n _s	852.11	1.590876	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.596151					ΔP _{C,t}	0.0113	ΔP _{C,s}	0.0041	1200
n _C	656.27	1.598745	ΔP _{F,e}	-0.0002	ΔP _{g,F}	0.0027	1060	0.999	0.998		
n _{C'}	643.85	1.599480	着色度 Color Code				1000	0.998	0.996		
n _{He-Ne}	632.8	1.600170					λ ₈₀ /λ ₅	385/355		950	0.997
n _D	589.29	1.603281	λ ₇₀ /λ ₅			900	0.997	0.995			
n _d	587.56	1.603420	热性质 Thermal Properties				850	0.998	0.996		
n _e	546.07	1.607180					T _g (°C)	592		800	0.996
n _F	486.13	1.614620	T _s (°C)	640		700	0.994	0.988			
n _{F'}	479.99	1.615569	T ₁₀ ^{14.5} (°C)	527		650	0.992	0.985			
n _g	435.83	1.623885	T ₁₀ ¹³ (°C)	565		600	0.993	0.987			
n _h	404.66	1.631970	T ₁₀ ^{7.6} (°C)	715		550	0.993	0.987			
n _i	365.01	1.646767	α _{30/70} (10 ⁻⁷ /K)	79		500	0.990	0.980			
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	98		480	0.988	0.976			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.986	0.972			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.983	0.967		
							K ₁	1.32375817E-01		Grade	420
L ₁	5.45903225E-02		D _w	2		400	0.963	0.928			
K ₂	1.15564934E+00		D _A	1		390	0.934	0.873			
L ₂	1.16785740E+02		CR	1		380	0.870	0.750			
K ₃	1.37547893E+00		RC(S)	2		370	0.700	0.490			
L ₃	1.01495335E-02		RA(S)	1		360	0.340	0.120			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350				
							D ₀	-3.94E-07		H _k (10 ⁷ Pa)	438
D ₁	1.57E-08		D _A	1		340					
D ₂	-4.33E-11		CR	1		320					
E ₀	7.95E-07		RC(S)	2		310					
E ₁	7.41E-10		RA(S)	1		300					
λ _{TK} (μm)	0.247						290				
折射率温度系数 Temperature Coefficients of Refractive Index							280				
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				其他性质 Other Properties				
Range of Temperature			t	C'	d	e	F'	g	ρ (g/cm ³)		
-60~-40			1.3	2.0	2.3	2.5	3.1	3.8	2.63		
-40~-20			1.3	2.2	2.3	2.7	3.2	3.8			
-20~0			1.4	2.2	2.4	2.7	3.2	4.1			
0~20			1.8	2.2	2.5	2.7	3.5	4.5			
20~40			1.8	2.5	2.9	3.0	3.9	4.6			
40~60			1.8	2.7	2.9	3.3	4.0	4.6			
60~80			1.8	2.7	2.9	3.4	4.1	4.9			
80~100			2.0	2.7	2.9	3.4	4.1	5.1			
100~120			2.0	2.7	3.2	3.4	4.3	5.3			
120~140			2.1	2.8	3.3	3.6	4.4	5.4			
							备注 Remarks				