

H-ZF73GT			959175		n _d = 1.959060		v _d = 17.47		n _F - n _C = 0.054890			
					n _e = 1.971885		v _e = 17.33		n _{F'} - n _{C'} = 0.056081			
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}	0.1914	P' _{s,t}	0.1873	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.869915	P _{C,s}	0.4365	P' _{C',s}	0.4692	2400	0.977	0.955			
n _{1970.09}	1970.09	1.879512	P _{d,C}	0.2789	P' _{d,C'}	0.2309	2200	0.986	0.971			
n _{1529.58}	1529.58	1.891029	P _{e,d}	0.2336	P' _{e,d}	0.2287	2000	0.993	0.985			
n _{1060.0}	1060.0	1.907018	P _{g,F}	0.6586	P' _{g,F'}	0.5813	1800	0.995	0.991			
n _t	1013.98	1.909291	P _{i,h}		P' _{i,h}		1600	0.998	0.996			
n _s	852.11	1.919795	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.935576					ΔP _{C,t}	-0.0007	ΔP _{C,s}	-0.0065	1200	0.999
n _C	656.27	1.943753	ΔP _{F,e}	0.0075	ΔP _{g,F}	0.0426	1060	0.999	0.998			
n _{C'}	643.85	1.946111	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.948341					λ ₈₀ /λ ₅				950	0.999
n _D	589.29	1.958595	λ ₇₀ /λ ₅	425/395			900	0.999	0.998			
n _d	587.56	1.959060	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.971885					T _g (°C)	677			800	0.998
n _F	486.13	1.998643	T _s (°C)	706			700	0.997	0.995			
n _{F'}	479.99	2.002192	T ₁₀ ^{14.5} (°C)	623			650	0.996	0.993			
n _g	435.83	2.034793	T ₁₀ ¹³ (°C)	655			600	0.995	0.991			
n _h	404.66	2.069389	T ₁₀ ^{7.6} (°C)	768			550	0.990	0.981			
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)	58			500	0.979	0.958			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	74			480	0.972	0.944			
n _{302.15}	302.15		λ[W/(m·K)]				460	0.963	0.927			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.948	0.898			
							Grade					
K ₁	5.28336971E-01		D _w	1			420	0.894	0.800			
L ₁	7.59305743E-02		D _A	1			400	0.480	0.230			
K ₂	2.05959954E+00		CR	1			390	0.179	0.032			
L ₂	1.71346469E-02		RC(S)	1			380					
K ₃	3.58638080E+00		RA(S)	1			370					
L ₃	1.89364809E+02						360					
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							H _k (10 ⁷ Pa)	484				
D ₀	-2.47E-06		D _w	1			340					
D ₁	1.75E-08		D _A	1			330					
D ₂	-4.65E-11		CR	1			320					
E ₀	1.29E-06		RC(S)	1			310					
E ₁	1.86E-09		RA(S)	1			300					
λ _{TK} (μm)	0.328						290					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				E (10 ⁷ Pa)	10307				
							ρ (g/cm ³)	3.49				
温度范围 (°C) Range of Temperature			dn/dt relative(10 ⁻⁶ /°C)				备注 Remarks					
												t
-60~-40			0.4	1.9	2.6	3.2	5.7	8.5				
			-40~-20			0.1	2.1	2.8	3.4	6.8	9.6	
-20~0						0.0	2.3	3.2	4.2	6.6	10.7	
			0~20			0.9	2.7	3.7	4.8	7.2	11.5	
20~40						1.3	3.0	4.2	5.3	8.2	12.7	
			40~60			1.6	3.6	4.6	5.9	9.3	13.6	
60~80						1.6	4.1	5.2	6.2	9.5	14.4	
			80~100			1.6	4.3	5.4	6.5	10.2	15.4	
100~120						2.0	4.5	5.6	6.8	10.6	15.8	
			120~140			2.1	4.7	5.8	7.4	11.2	16.5	