

H-ZF71			808227				n _d = 1.808100		v _d = 22.70		n _F - n _C = 0.035602	
							n _e = 1.816463		v _e = 22.51		n _{F'} - n _{C'} = 0.036272	
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}	0.2050	P' _{s,t}	0.2012	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.744473	P _{C,s}	0.4545	P' _{C',s}	0.4893	2400	0.936	0.876			
n _{1970.09}	1970.09	1.752179	P _{d,C}	0.2842	P' _{d,C'}	0.2357	2200	0.966	0.934			
n _{1529.58}	1529.58	1.761164	P _{e,d}	0.2349	P' _{e,d}	0.2306	2000	0.987	0.975			
n _{1060.0}	1060.0	1.772900	P _{g,F}	0.6295	P' _{g,F'}	0.5562	1800	0.993	0.986			
n _t	1013.98	1.774506	P _{i,h}		P' _{i,h}		1600	0.997	0.994			
n _s	852.11	1.781803	异常色散 Abnormal Dispersions				1400	0.998	0.996			
n _r	706.52	1.792514					ΔP _{C,t}	0.0063	ΔP _{C,s}	-0.0009	1200	0.999
n _C	656.27	1.797983	ΔP _{F,e}	0.0038	ΔP _{g,F}	0.0224	1060	0.999	0.998			
n _{C'}	643.85	1.799551	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.801031					λ ₈₀ /λ ₅	450/370		950	0.999	0.998
n _D	589.29	1.807795	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.808100	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.816463					T _g (°C)	566		800	0.998	0.996
n _F	486.13	1.833585	T _s (°C)	611		700	0.997	0.995				
n _{F'}	479.99	1.835823	T ₁₀ ^{14.5} (°C)	522		650	0.997	0.994				
n _g	435.83	1.855996	T ₁₀ ¹³ (°C)	555		600	0.996	0.993				
n _h	404.66	1.876627	T ₁₀ ^{7.6} (°C)	663		550	0.994	0.989				
n _i	365.01		α _{30/70} (10 ⁻⁷ /K)	93		500	0.987	0.974				
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	105		480	0.983	0.967				
n _{302.15}	302.15		λ[W/(m·K)]			460	0.978	0.957				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.970	0.940			
							K ₁	4.06804868E-01		Grade	420	0.955
L ₁	6.45152130E-02		D _w	1		400	0.907	0.823				
K ₂	1.70831097E+00		D _A	1		390	0.815	0.665				
L ₂	1.27703237E-02		CR	1		380	0.547	0.299				
K ₃	2.36137303E+00		RC(S)	1		370	0.114	0.013				
L ₃	1.63275585E+02		RA(S)	1		360						
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D ₀	-9.66E-06		H _k (10 ⁷ Pa)	428	
D ₁	1.15E-08		D _A	1		F _A	275					
D ₂	-5.06E-11		CR	1		E (10 ⁷ Pa)	8537					
E ₀	9.75E-07		RC(S)	1		G (10 ⁷ Pa)	3398					
E ₁	1.26E-09		RA(S)	1		μ	0.256					
λ _{TK} (μm)	0.313					B (10 ⁻¹² /Pa)	3.48					
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				其他性质 Other Properties					
温度范围 (°C)			t	C'	d	e						F'
Range of Temperature									3.30			
-60~-40			-3.9	-2.9	-2.6	-2.1	-0.8	0.7				
-40~-20			-3.9	-2.8	-2.4	-1.8	-0.5	1.2				
-20~0			-3.8	-2.7	-2.2	-1.6	-0.3	1.7				
0~20			-3.7	-2.5	-2.0	-1.5	0.2	2.1				
20~40			-3.6	-2.4	-1.9	-1.2	0.5	2.5				
40~60			-3.5	-2.3	-1.7	-1.0	0.6	3.0				
60~80			-3.3	-2.1	-1.4	-0.9	1.1	3.4				
80~100			-3.4	-2.1	-1.4	-0.9	1.1	3.5				
100~120			-3.6	-2.2	-1.4	-0.9	1.1	3.9				
120~140			-4.0	-2.3	-1.7	-0.9	1.1	4.0				
备注 Remarks												