

H-ZF3			717295			n _d = 1.717360		ν _d = 29.50		n _F - n _C = 0.024318					
						n _e = 1.723100		ν _e = 29.26		n _{F'} - n _{C'} = 0.024709					
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}	0.2178	P' _{s,t}	0.2144	λ (nm)	τ (5mm)	τ (10mm)						
n _{2325.42}	2325.42	1.670569	P _{C,s}	0.4724	P' _{C',s}	0.5093	2400	0.900	0.810						
n _{1970.09}	1970.09	1.676619	P _{d,C}	0.2893	P' _{d,C'}	0.2403	2200	0.933	0.871						
n _{1529.58}	1529.58	1.683564	P _{e,d}	0.2360	P' _{e,d}	0.2323	2000	0.967	0.935						
n _{1060.0}	1060.0	1.692361	P _{g,F}	0.6047	P' _{g,F'}	0.5349	1800	0.981	0.963						
n _t	1013.98	1.693540	P _{i,h}	1.0265	P' _{i,h}	1.0103	1600	0.994	0.988						
n _s	852.11	1.698837	异常色散 Abnormal Dispersions				1400	0.996	0.992						
n _r	706.52	1.706476					ΔP _{C,t}	0.0050	ΔP _{C,s}	0.0009	1200	0.999	0.998		
n _C	656.27	1.710324					ΔP _{F,e}	0.0012	ΔP _{g,F}	0.0093	1060	0.999	0.998		
n _{C'}	643.85	1.711422					1000	0.999	0.998						
n _{He-Ne}	632.8	1.712455					950	0.999	0.998						
n _D	589.29	1.717150					900	0.999	0.998						
n _d	587.56	1.717360	着色度 Color Code				850	0.999	0.998						
n _e	546.07	1.723100					λ ₈₀ /λ ₅		400/360		800	0.998	0.997		
n _F	486.13	1.734642					λ ₇₀ /λ ₅				700	0.998	0.996		
n _{F'}	479.99	1.736131					650	0.998	0.996						
n _g	435.83	1.749348					600	0.997	0.994						
n _h	404.66	1.762502					550	0.996	0.993						
n _i	365.01	1.787465	热性质 Thermal Properties				500	0.994	0.989						
n _{313.18}	313.18						T _g (°C)		591		480	0.993	0.986		
n _{302.15}	302.15		T _s (°C)		628		460	0.990	0.981						
			T ₁₀ ^{14.5} (°C)		531		440	0.985	0.971						
			T ₁₀ ¹³ (°C)		566		420	0.976	0.953						
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{7.6} (°C)		683		400	0.944	0.892						
			α _{-30/70} °C (10 ⁻⁷ /K)		90		390	0.899	0.809						
K ₁	2.03624748E-01		α _{100/300} °C (10 ⁻⁷ /K)		112		380	0.793	0.629						
L ₁	6.20712732E-02		λ[W/(m·K)]		0.833		370	0.530	0.281						
K ₂	1.64202576E+00		c _p [J/(g·K)]		0.654		360	0.141	0.020						
L ₂	1.27139992E-02						350								
K ₃	1.38768085E+00		化学性质 Chemical Properties				340								
L ₃	1.28254467E+02								Grade		330				
折射率温度系数常数 Constants of dn/dt			D _W		1		320								
			D _A		1		310								
D ₀	-4.82E-06		CR		1		300								
D ₁	1.32E-08		RC(S)		1		290								
D ₂	-3.85E-11		RA(S)		1		280								
E ₀	9.08E-07														
E ₁	1.03E-09														
λ _{TK} (μm)	0.282														
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)		520					
		t	C'	d	e	F'	g	F _A		189					
-60~-40		-0.9	-0.1	0.2	0.7	1.6	2.8	E (10 ⁷ Pa)		8826					
-40~-20		-0.9	-0.1	0.2	0.7	1.8	2.8	G (10 ⁷ Pa)		3518					
-20~0		-0.7	0.0	0.6	0.9	1.9	3.2	μ		0.254					
0~20		-0.5	0.4	0.9	1.1	2.2	3.6	B (10 ⁻¹² /Pa)		2.50					
20~40		-0.5	0.6	0.9	1.3	2.5	3.8								
40~60		-0.4	0.6	1.0	1.6	2.7	4.1	其他性质 Other Properties							
60~80		-0.3	0.7	1.1	1.6	2.9	4.2								
80~100		-0.3	0.8	1.3	1.8	3.1	4.5	ρ (g/cm ³)		3.06					
100~120		-0.3	0.8	1.4	1.9	3.3	4.8								
120~140		-0.3	0.8	1.5	1.9	3.4	5.2	备注 Remarks							