

H-ZF71GT			808227		n _d = 1.808100		ν _d = 22.70		n _F - n _C = 0.035602					
					n _e = 1.816463		ν _e = 22.51		n _{F'} - n _{C'} = 0.036272					
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ							
	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	0.926	0.857					
n _{1970.09}	1970.09	1.752179	P _{d,C}	0.2842	P' _{d,C'}	0.2357	2200	0.959	0.919					
n _{1529.58}	1529.58	1.761164	P _{e,d}	0.2349	P' _{e,d}	0.2306	2000	0.984	0.968					
n _{1060.0}	1060.0	1.772900	P _{g,F}	0.6295	P' _{g,F'}	0.5562	1800	0.991	0.983					
n _t	1013.98	1.774506	P _{i,h}		P' _{i,h}		1600	0.996	0.992					
n _s	852.11	1.781803	异常色散 Abnormal Dispersions				1400	0.998	0.995					
n _r	706.52	1.792514					ΔP _{C,t}	0.0063	ΔP _{C,s}	-0.0009	1200	0.999	0.998	
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					1000	0.999	0.998					
n _{He-Ne}	632.8	1.801031					950	0.999	0.998					
n _D	589.29	1.807795					900	0.999	0.998					
n _d	587.56	1.808100	着色度 Color Code				850	0.999	0.998					
n _e	546.07	1.816463					λ ₈₀ /λ ₅	425/375			800	0.998	0.996	
n _F	486.13	1.833585					λ ₇₀ /λ ₅				700	0.997	0.995	
n _{F'}	479.99	1.835823					650	0.997	0.994					
n _g	435.83	1.855996					600	0.996	0.993					
n _h	404.66	1.876627					550	0.995	0.991					
n _i	365.01		热性质 Thermal Properties				500	0.991	0.982					
n _{313.18}	313.18						T _g (°C)	566			480	0.988	0.977	
n _{302.15}	302.15						T _s (°C)	611			460	0.984	0.969	
			T ₁₀ ^{14.5} (°C)	522			440	0.980	0.960					
			T ₁₀ ¹³ (°C)	555			420	0.971	0.944					
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{7.6} (°C)	663			400	0.933	0.870					
			α _{30/70} °C(10 ⁻⁷ /K)	93			390	0.847	0.718					
			α _{100/300} °C(10 ⁻⁷ /K)	105			380	0.568	0.323					
K ₁	4.06804868E-01		λ[W/(m·K)]			0.716	370	0.141	0.020					
L ₁	6.45152130E-02		c _p [J/(g·K)]			0.591	360							
K ₂	1.70831097E+00						350							
L ₂	1.27703237E-02		化学性质 Chemical Properties				340							
K ₃	2.36137303E+00								330					
L ₃	1.63275585E+02								320					
			Grade				310							
折射率温度系数常数 Constants of dn/dt			D _W	1			300							
			D _A	1			290							
			CR	1			280							
			RC(S)	1										
			RA(S)	1										
E ₀	9.75E-07													
E ₁	1.26E-09													
λ _{TK} (μm)	0.313													
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)		428					
		t	C'	d	e	F'	g	F _A		275				
-60~-40		-3.9	-2.9	-2.6	-2.1	-0.8	0.7	E (10 ⁷ Pa)		8537				
-40~-20		-3.9	-2.8	-2.4	-1.8	-0.5	1.2	G (10 ⁷ Pa)		3398				
-20~0		-3.8	-2.7	-2.2	-1.6	-0.3	1.7	μ		0.256				
0~20		-3.7	-2.5	-2.0	-1.5	0.2	2.1	B (10 ⁻¹² /Pa)		3.48				
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	其他性质 Other Properties						
60~80		-3.3	-2.1	-1.4	-0.9	1.1	3.4	ρ (g/cm ³)		3.30				
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	备注 Remarks						
120~140		-4.0	-2.3	-1.7	-0.9	1.1	4.0							