

H-ZF52GT			847238			n _d = 1.846660		v _d = 23.78		n _F - n _C = 0.035597	
						n _e = 1.855037		v _e = 23.60		n _{F'} - n _{C'} = 0.036238	
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}	0.2039	P' _{s,t}	0.2003	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.785225	P _{C,s}	0.4568	P' _{C',s}	0.4922	2400	0.938	0.879		
n _{1970.09}	1970.09	1.792032	P _{d,C}	0.2855	P' _{d,C'}	0.2370	2200	0.966	0.933		
n _{1529.58}	1529.58	1.800181	P _{e,d}	0.2353	P' _{e,d}	0.2312	2000	0.981	0.962		
n _{1060.0}	1060.0	1.811397	P _{g,F}	0.6207	P' _{g,F'}	0.5485	1800	0.988	0.977		
n _t	1013.98	1.812979	P _{i,h}		P' _{i,h}		1600	0.995	0.991		
n _s	852.11	1.820237	异常色散 Abnormal Dispersions				1400	0.997	0.995		
n _r	706.52	1.830994					ΔP _{C,t}	0.0023	ΔP _{C,s}	-0.0012	1200
n _C	656.27	1.836496	ΔP _{F,e}	0.0026	ΔP _{g,F}	0.0155	1060	0.998	0.997		
n _{C'}	643.85	1.838073	着色度 Color Code				1000	0.998	0.997		
n _{He-Ne}	632.8	1.839561					λ ₈₀ /λ ₅				950
n _D	589.29	1.846354	λ ₇₀ /λ ₅	403/370			900	0.998	0.997		
n _d	587.56	1.846660	热性质 Thermal Properties				850	0.998	0.997		
n _e	546.07	1.855037					T _g (°C)	626			800
n _F	486.13	1.872093	T _s (°C)	653			700	0.996	0.993		
n _{F'}	479.99	1.874311	T ₁₀ ^{14.5} (°C)	572			650	0.996	0.992		
n _g	435.83	1.894189	T ₁₀ ¹³ (°C)	605			600	0.995	0.991		
n _h	404.66	1.914282	T ₁₀ ^{7.6} (°C)	711			550	0.993	0.987		
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)	88			500	0.988	0.977		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	108			480	0.986	0.972		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.982	0.964		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.975	0.950		
							K ₁	4.09982615E-01		Grade	
L ₁	6.21421199E-02		D _w	1		400	0.911	0.830			
K ₂	2.37517176E+00		D _A	1		390	0.848	0.719			
L ₂	1.85055134E+02		CR	1		380	0.668	0.446			
K ₃	1.83913582E+00		RC(S)	2		370	0.300	0.090			
L ₃	1.36093459E-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	-6.18E-06		H _k (10 ⁷ Pa)	555
D ₁	1.63E-08		D _A	1		F _A	185				
D ₂	-4.50E-11		CR	1		E (10 ⁷ Pa)	9478				
E ₀	1.12E-06		RC(S)	2		G (10 ⁷ Pa)	3742				
E ₁	1.19E-09		RA(S)	1		μ	0.266				
λ _{TK} (μm)	0.291					B (10 ⁻¹² /Pa)	2.71				
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		3.51		
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)					备注 Remarks				
Range of Temperature		t	C'	d	e	F'					g
-60~-40		-2.1	-0.7	-0.3	0.1	1.6	3.1				
-40~-20		-2.0	-0.7	-0.1	0.4	1.9	3.3				
-20~0		-1.9	-0.5	0.0	0.6	2.0	4.1				
0~20		-1.9	-0.4	0.1	0.7	2.5	4.5				
20~40		-1.4	0.1	0.6	1.5	3.0	5.2				
40~60		-1.1	0.3	1.0	1.8	3.4	5.5				
60~80		-1.0	0.6	1.0	2.0	3.5	5.8				
80~100		-0.9	0.6	1.2	2.1	3.9	6.4				
100~120		-0.9	0.7	1.4	2.1	4.1	7.0				
120~140		-0.8	0.7	1.5	2.2	4.5	7.3				