

H-ZF1			648338			n _d = 1.647690		v _d = 33.84		n _F - n _C = 0.019140		
						n _e = 1.652216		v _e = 33.58		n _{F'} - n _{C'} = 0.019420		
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}	0.2284	P' _{s,t}	0.2251	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.607841	P _{C,s}	0.4838	P' _{C',s}	0.5219	2400	0.917	0.841			
n _{1970.09}	1970.09	1.613506	P _{d,C}	0.2921	P' _{d,C'}	0.2427	2200	0.940	0.884			
n _{1529.58}	1529.58	1.619851	P _{e,d}	0.2365	P' _{e,d}	0.2331	2000	0.972	0.944			
n _{1060.0}	1060.0	1.627482	P _{g,F}	0.5929	P' _{g,F'}	0.5249	1800	0.984	0.969			
n _t	1013.98	1.628470	P _{i,h}	0.9730	P' _{i,h}	0.9590	1600	0.995	0.991			
n _s	852.11	1.632841	异常色散 Abnormal Dispersions				1400	0.996	0.993			
n _r	706.52	1.639021					ΔP _{C,t}	0.0064	ΔP _{C,s}	0.0020	1200	0.999
n _C	656.27	1.642100	ΔP _{F,e}	0.0004	ΔP _{g,F}	0.0049	1060	0.999	0.998			
n _{C'}	643.85	1.642976	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.643798					λ ₈₀ /λ ₅	390/360		950	0.999	0.998
n _D	589.29	1.647523	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.647690	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.652216					T _g (°C)	546		800	0.999	0.998
n _F	486.13	1.661240	T _s (°C)	579		700	0.998	0.997				
n _{F'}	479.99	1.662396	T ₁₀ ^{14.5} (°C)	480		650	0.998	0.997				
n _g	435.83	1.672589	T ₁₀ ¹³ (°C)	516		600	0.999	0.998				
n _h	404.66	1.682600	T ₁₀ ^{7.6} (°C)	644		550	0.998	0.997				
n _i	365.01	1.701223	α _{30/70°C} (10 ⁻⁷ /K)	91		500	0.997	0.995				
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	117		480	0.996	0.992				
n _{302.15}	302.15		λ[W/(m·K)]			460	0.995	0.990				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.994	0.988			
							K ₁	1.06294164E+00		Grade	420	0.991
L ₁	1.08400406E+02		D _w	2		400	0.981	0.962				
K ₂	1.46910876E-01		D _A	1		390	0.961	0.923				
L ₂	5.91797128E-02		CR	1		380	0.908	0.824				
K ₃	1.48922543E+00		RC(S)	2		370	0.744	0.553				
L ₃	1.15933111E-02		RA(S)	1		360	0.361	0.130				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D ₀	-4.73E-06		H _k (10 ⁷ Pa)	507	
D ₁	1.27E-08		D _A	1		F _A	96					
D ₂	-8.17E-11		CR	1		E (10 ⁷ Pa)	8050					
E ₀	8.61E-07		RC(S)	2		G (10 ⁷ Pa)	3228					
E ₁	9.43E-10		RA(S)	1		μ	0.247					
λ _{TK} (μm)	0.263					B (10 ⁻¹² /Pa)	2.66					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		2.73			
							备注 Remarks					
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)									
Range of Temperature			t	C'	d	e	F'	g				
-60~-40												
-40~-20			-0.8	-0.2	0.0	0.2	1.2	2.2				
-20~0			-0.7	0.1	0.5	1.1	1.4	2.5				
0~20			-0.6	0.5	0.8	1.0	1.6	2.8				
20~40			-0.5	0.5	0.8	1.0	1.9	2.8				
40~60			-0.4	0.5	0.7	1.0	2.2	3.2				
60~80			-0.2	0.5	0.7	1.1	2.4	3.4				
80~100												
100~120												
120~140												