

H-ZF13			785257				n _d = 1.784720		v _d = 25.72		n _F - n _C = 0.030510	
							n _e = 1.791906		v _e = 25.51		n _{F'} - n _{C'} = 0.031041	
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}	0.2091	P' _{s,t}	0.2055	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.729717	P _{C,s}	0.4622	P' _{C',s}	0.4981	2400	0.953	0.909			
n _{1970.09}	1970.09	1.736237	P _{d,C}	0.2868	P' _{d,C'}	0.2381	2200	0.972	0.944			
n _{1529.58}	1529.58	1.743909	P _{e,d}	0.2355	P' _{e,d}	0.2315	2000	0.987	0.974			
n _{1060.0}	1060.0	1.754085	P _{g,F}	0.6157	P' _{g,F'}	0.5443	1800	0.993	0.987			
n _t	1013.98	1.755488	P _{i,h}		P' _{i,h}		1600	0.999	0.998			
n _s	852.11	1.761868	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.771216					ΔP _{C,t}	0.0039	ΔP _{C,s}	-0.0003	1200	0.999
n _C	656.27	1.775970	ΔP _{F,e}	0.0022	ΔP _{g,F}	0.0138	1060	0.999	0.998			
n _{C'}	643.85	1.777330	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.778613					λ ₈₀ /λ ₅	425/370		950	0.999	0.998
n _D	589.29	1.784457	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.784720	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.791906					T _g (°C)	613		800	0.999	0.998
n _F	486.13	1.806480	T _s (°C)	646		700	0.998	0.996				
n _{F'}	479.99	1.808371	T ₁₀ ^{14.5} (°C)	556		650	0.997	0.995				
n _g	435.83	1.825266	T ₁₀ ¹³ (°C)	593		600	0.997	0.994				
n _h	404.66	1.842268	T ₁₀ ^{7.6} (°C)	707		550	0.996	0.992				
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)	86		500	0.991	0.983				
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	106		480	0.989	0.978				
n _{302.15}	302.15		λ[W/(m·K)]			460	0.985	0.971				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.978	0.956			
							K ₁	1.73521591E+00		Grade	420	0.959
L ₁	1.31087904E-02		D _w	1		400	0.900	0.810				
K ₂	3.16277446E-01		D _A	1		390	0.810	0.650				
L ₂	6.21421663E-02		CR	1		380	0.620	0.380				
K ₃	2.16384634E+00		RC(S)	1		370	0.270	0.070				
L ₃	1.78845558E+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	-5.40E-06		H _k (10 ⁷ Pa)	544	
D ₁	1.34E-08		D _A	1		F _A	187					
D ₂	-3.56E-11		CR	1		E (10 ⁷ Pa)	9196					
E ₀	1.01E-06		RC(S)	1		G (10 ⁷ Pa)	3675					
E ₁	1.25E-09		RA(S)	1		μ	0.251					
λ _{TK} (μm)	0.291					B (10 ⁻¹² /Pa)	2.73					
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)			dn/dt relative(10 ⁻⁶ /°C)									ρ (g/cm ³)
Range of Temperature			t	C'	d	e	F'	g	备注 Remarks			
-60~-40			-1.7	-0.5	-0.1	0.3	1.3	2.8				
-40~-20			-1.4	-0.1	0.2	0.7	2.0	3.5				
-20~0			-1.0	0.0	0.4	1.0	2.3	3.8				
0~20			-0.9	0.1	0.6	1.2	2.5	4.1				
20~40			-0.7	0.3	0.8	1.5	2.8	4.6				
40~60			-0.7	0.4	1.0	1.6	3.1	4.8				
60~80			-0.7	0.5	1.4	1.8	3.3	5.6				
80~100			-0.7	0.9	1.5	1.8	3.4	5.6				
100~120			-0.7	1.0	1.5	2.2	4.1	6.2				
120~140			-0.6	1.1	1.6	2.4	4.2	6.3				