

H-ZBaF5			671473		n _d = 1.671030		v _d = 47.29		n _F - n _C = 0.014190	
					n _e = 1.674404		v _e = 47.00		n _{F'} - n _{C'} = 0.014350	
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}	0.2485	P' _{s,t}	0.2457	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42	1.638014	P _{C,s}	0.5083	P' _{C',s}	0.5493	2400	0.943	0.889	
n _{1970.09}	1970.09	1.643084	P _{d,C}	0.2985	P' _{d,C'}	0.2486	2200	0.971	0.942	
n _{1529.58}	1529.58	1.648727	P _{e,d}	0.2378	P' _{e,d}	0.2351	2000	0.986	0.972	
n _{1060.0}	1060.0	1.655242	P _{g,F}	0.5631	P' _{g,F'}	0.4991	1800	0.992	0.984	
n _t	1013.98	1.656055	P _{i,h}	0.8340	P' _{i,h}	0.8247	1600	0.998	0.997	
n _s	852.11	1.659581	异常色散 Abnormal Dispersions				1400	0.999	0.998	
n _r	706.52	1.664425					ΔP _{C,t}	-0.0123	ΔP _{C,s}	-0.0052
n _C	656.27	1.666794	ΔP _{F,e}	-0.0001	ΔP _{g,F}	-0.0020	1060	0.999	0.998	
n _{C'}	643.85	1.667463	着色度 Color Code				1000	0.999	0.998	
n _{He-Ne}	632.8	1.668089					λ ₈₀ /λ ₅	375/340		950
n _D	589.29	1.670905	λ ₇₀ /λ ₅			900	0.998	0.997		
n _d	587.56	1.671030	热性质 Thermal Properties				850	0.998	0.996	
n _e	546.07	1.674404					T _g (°C)	583		800
n _F	486.13	1.680984	T _s (°C)	652		700	0.995	0.990		
n _{F'}	479.99	1.681813	T ₁₀ ^{14.5} (°C)	540		650	0.995	0.990		
n _g	435.83	1.688975	T ₁₀ ¹³ (°C)	580		600	0.994	0.989		
n _h	404.66	1.695743	T ₁₀ ^{7.6} (°C)	728		550	0.994	0.989		
n _i	365.01	1.707578	α _{30/70} (10 ⁻⁷ /K)	68		500	0.992	0.985		
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	85		480	0.991	0.983		
n _{302.15}	302.15		λ[W/(m·K)]			460	0.990	0.980		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.988	0.976	
							K ₁	2.65135611E-01		Grade
L ₁	3.42928637E-02		D _w	1		400	0.976	0.953		
K ₂	1.46645391E+00		D _A	2		390	0.964	0.930		
L ₂	7.99326644E-03		CR	1		380	0.941	0.886		
K ₃	1.68212208E+00		RC(S)	1		370	0.890	0.800		
L ₃	1.79124162E+02		RA(S)	3		360	0.790	0.630		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.580	0.340	
							D ₀	3.26E-06		H _k (10 ⁷ Pa)
D ₁	1.49E-08		Grade				330			
D ₂	-2.95E-11						D _w	1		320
E ₀	6.99E-07		D _A	2		310				
E ₁	6.95E-10		CR	1		300				
λ _{TK} (μm)	0.209		RC(S)	1		290				
折射率温度系数 Temperature Coefficients of Refractive Index			Grade				280			
							RA(S)	3		其他性质 Other Properties
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				H _k (10 ⁷ Pa)	626		
							Range of Temperature		t	C'
-60~-40		3.3	4.0	4.2	4.4	4.9	5.5	E (10 ⁷ Pa)	9696	
-40~-20		3.3	4.0	4.2	4.5	5.0	5.6	G (10 ⁷ Pa)	3807	
-20~0		3.5	4.1	4.3	4.5	5.1	5.7	μ	0.273	
0~20		3.6	4.2	4.5	4.7	5.3	5.8	B (10 ⁻¹² /Pa)		
20~40		3.7	4.4	4.6	4.9	5.5	6.2	其他性质 Other Properties		
40~60		3.8	4.4	4.8	5.2	5.7	6.4			
60~80		3.9	4.7	4.9	5.3	5.8	6.5	备注 Remarks		
80~100		3.9	4.7	5.0	5.3	5.9	6.6			
100~120		4.1	4.9	5.1	5.4	6.1	6.8			
120~140		4.3	5.0	5.4	5.7	6.4	7.2			