

H-ZBaF4 664355			n _d = 1.664260		v _d = 35.48		n _F - n _C = 0.018720					
			n _e = 1.668690		v _e = 35.22		n _{F'} - n _{C'} = 0.018987					
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}	0.2301	P' _{s,t}	0.2269	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.624962	P _{C,s}	0.4863	P' _{C',s}	0.5247	2400	0.931	0.866			
n _{1970.09}	1970.09	1.630561	P _{d,C}	0.2927	P' _{d,C'}	0.2434	2200	0.947	0.897			
n _{1529.58}	1529.58	1.636844	P _{e,d}	0.2366	P' _{e,d}	0.2333	2000	0.978	0.957			
n _{1060.0}	1060.0	1.644393	P _{g,F}	0.5895	P' _{g,F'}	0.5219	1800	0.987	0.973			
n _t	1013.98	1.645369	P _{i,h}	0.9553	P' _{i,h}	0.9419	1600	0.995	0.991			
n _s	852.11	1.649677	异常色散 Abnormal Dispersions				1400	0.996	0.992			
n _r	706.52	1.655756					ΔP _{C,t}	0.0030	ΔP _{C,s}	0.0007	1200	0.999
n _C	656.27	1.658780	ΔP _{F,e}	0.0004	ΔP _{g,F}	0.0042	1060	0.999	0.998			
n _{C'}	643.85	1.659639	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.660446					λ ₈₀ /λ ₅	395/360		950	0.999	0.998
n _D	589.29	1.664097	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.664260	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.668690					T _g (°C)	605		800	0.998	0.996
n _F	486.13	1.677500	T _s (°C)	653		700	0.997	0.995				
n _{F'}	479.99	1.678626	T ₁₀ ^{14.5} (°C)	541		650	0.997	0.995				
n _g	435.83	1.688535	T ₁₀ ¹³ (°C)	577		600	0.998	0.996				
n _h	404.66	1.698223	T ₁₀ ^{7.6} (°C)	724		550	0.998	0.996				
n _i	365.01	1.716106	α _{30/70°C} (10 ⁻⁷ /K)	79		500	0.997	0.994				
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	95		480	0.996	0.993				
n _{302.15}	302.15		λ[W/(m·K)]			460	0.995	0.991				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.992	0.985			
							K ₁	1.51466661E-01		Grade	420	0.988
L ₁	5.71831045E-02		D _w	1		400	0.969	0.939				
K ₂	1.54020133E+00		D _A	1		390	0.942	0.888				
L ₂	1.11587138E-02		CR	1		380	0.876	0.768				
K ₃	1.18737385E+00		RC(S)	1		370	0.708	0.501				
L ₃	1.20128948E+02		RA(S)	1		360	0.342	0.117				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D ₀	3.08E-07		H _k (10 ⁷ Pa)	602	
D ₁	1.96E-08		折射率温度系数 Temperature Coefficients of Refractive Index				F _A	180				
D ₂	-1.32E-10						温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)		E (10 ⁷ Pa)	8553
E ₀	7.30E-07		Range of Temperature	t	C'	d	e	F'	g	G (10 ⁷ Pa)	3423	
E ₁	5.23E-10		-60~-40							μ	0.249	
λ _{TK} (μm)	0.276		-40~-20	0.9	1.8	2.1	2.6	3.2	3.9	B (10 ⁻¹² /Pa)	2.80	
折射率温度系数 Temperature Coefficients of Refractive Index			0~-20	1.9	2.4	2.8	3.1	4.0	4.8	其他性质 Other Properties		
			20~40	2.0	2.5	3.0	3.2	3.7	4.1			
温度范围 (°C)			40~60	2.2	2.9	3.2	3.7	4.6	5.4	ρ (g/cm ³)		
			60~80	2.2	3.0	3.2	3.7	4.6	5.6			
Range of Temperature			80~100	2.2	3.1	3.4	3.7	4.7	5.7	备注 Remarks		
			100~120									
Range of Temperature			120~140									