

H-ZBaF20			702412			n _d = 1.701540		v _d = 41.15		n _F - n _C = 0.017049			
						n _e = 1.705584		v _e = 40.86		n _{F'} - n _{C'} = 0.017267			
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}	0.2390	P' _{s,t}	0.2360	λ (nm)	τ (5mm)	τ (10mm)				
n _{2325.42}	2325.42	1.663857	P _{C,s}	0.4971	P' _{C',s}	0.5367	2400	0.931	0.867				
n _{1970.09}	1970.09	1.669459	P _{d,C}	0.2957	P' _{d,C'}	0.2460	2200	0.967	0.933				
n _{1529.58}	1529.58	1.675693	P _{e,d}	0.2372	P' _{e,d}	0.2342	2000	0.986	0.973				
n _{1060.0}	1060.0	1.683019	P _{g,F}	0.5760	P' _{g,F'}	0.5102	1800	0.992	0.985				
n _t	1013.98	1.683949	P _{i,h}	0.8923	P' _{i,h}	0.8810	1600	0.997	0.994				
n _s	852.11	1.688024	异常色散 Abnormal Dispersions				1400	0.997	0.994				
n _r	706.52	1.693700					ΔP _{C,t}	-0.0040	ΔP _{C,s}	-0.0019	1200	0.999	0.998
n _C	656.27	1.696499	ΔP _{F,e}	0.0000	ΔP _{g,F}	0.0004	1060	0.999	0.998				
n _{C'}	643.85	1.697292	着色度 Color Code				1000	0.999	0.998				
n _{He-Ne}	632.8	1.698036					λ ₈₀ /λ ₅	390/350		950	0.999	0.998	
n _D	589.29	1.701390	λ ₇₀ /λ ₅			900	0.999	0.998					
n _d	587.56	1.701540	热性质 Thermal Properties				850	0.999	0.998				
n _e	546.07	1.705584					T _g (°C)	594		800	0.999	0.998	
n _F	486.13	1.713548	T _s (°C)	657		700	0.999	0.999					
n _{F'}	479.99	1.714559	T ₁₀ ^{14.5} (°C)	550		650	0.998	0.997					
n _g	435.83	1.723369	T ₁₀ ¹³ (°C)	591		600	0.999	0.998					
n _h	404.66	1.731837	T ₁₀ ^{7.6} (°C)	736		550	0.999	0.998					
n _i	365.01	1.747050	α _{30/70} (10 ⁻⁷ /K)	69		500	0.997	0.995					
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	85		480	0.996	0.992					
n _{302.15}	302.15		λ[W/(m·K)]			460	0.994	0.988					
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.992	0.984				
							K ₁	1.55463018E-01		Grade	420	0.988	0.977
L ₁	5.00496620E-02		D _w	1		400	0.977	0.954					
K ₂	1.22204789E+00		D _A	2		390	0.964	0.929					
L ₂	1.19801735E+02		CR	1		380	0.933	0.871					
K ₃	1.66611640E+00		RC(S)	1		370	0.860	0.740					
L ₃	1.02206327E-02		RA(S)	3		360	0.681	0.464					
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.315	0.099				
							D ₀	3.06E-06		H _k (10 ⁷ Pa)	594		340
D ₁	2.07E-08		折射率温度系数 Temperature Coefficients of Refractive Index				F _A	170					
D ₂	-8.31E-12						温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)		E (10 ⁷ Pa)	9679	
E ₀	7.29E-07		t	C'	d	e					F'	g	G (10 ⁷ Pa)
E ₁	-1.31E-10		-60~-40						μ	0.267			
λ _{TK} (μm)	0.250		-40~-20	2.7	3.9	4.6	5.0	5.7	6.3	B (10 ⁻¹² /Pa)	2.08		
其他性质 Other Properties			-20~0	2.9	4.1	4.7	4.8	5.6	6.2	ρ (g/cm ³)		3.64	
			0~20	3.6	4.3	4.8	4.9	5.5	6.2				
备注 Remarks			20~40	4.0	4.7	5.0	5.0	5.8	6.9				
			40~60	4.3	4.6	4.9	5.3	6.0	7.1				
			60~80	4.5	4.8	5.0	5.3	6.6	7.8				
			80~100										
			100~120										
			120~140										