

H-ZBaF3 657511			n _d = 1.65691		ν _d = 51.12		n _F - n _C = 0.012850					
			n _e = 1.65996		ν _e = 50.88		n _{F'} - n _{C'} = 0.012970					
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}	0.2591	P' _{s,t}	0.2567	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42		P _{C,s}	0.5175	P' _{C',s}	0.5605	2400	0.906	0.820			
n _{1970.09}	1970.09		P _{d,C}	0.2996	P' _{d,C'}	0.2490	2200	0.956	0.914			
n _{1529.58}	1529.58		P _{e,d}	0.2374	P' _{e,d}	0.2352	2000	0.982	0.965			
n _{1060.0}	1060.0		P _{g,F}	0.5572	P' _{g,F'}	0.4950	1800	0.991	0.982			
n _t	1013.98	1.64308	P _{i,h}		P' _{i,h}		1600	0.996	0.993			
n _s	852.11	1.64641	异常色散 Abnormal Dispersions				1400	0.997	0.995			
n _r	706.52	1.65089					ΔP _{C,t}	-0.0105	ΔP _{C,s}	-0.0051	1200	0.999
n _C	656.27	1.65306	ΔP _{F,e}	0.0013	ΔP _{g,F}	-0.0014	1060	0.999	0.998			
n _{C'}	643.85	1.65368	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.65424					λ ₈₀ /λ ₅	380/340		950	0.999	0.998
n _D	589.29	1.65680	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.65691	热性质 Thermal Properties				850	0.998	0.996			
n _e	546.07	1.65996					T _g (°C)	652		800	0.997	0.994
n _F	486.13	1.66591	T _s (°C)	693		700	0.996	0.992				
n _{F'}	479.99	1.66665	T ₁₀ ^{14.5} (°C)	589		650	0.995	0.991				
n _g	435.83	1.67307	T ₁₀ ¹³ (°C)	626		600	0.995	0.991				
n _h	404.66	1.67911	T ₁₀ ^{7.6} (°C)	757		550	0.995	0.991				
n _i	365.01	1.68964	α _{30/70°C} (10 ⁻⁷ /K)	75		500	0.994	0.988				
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	90		480	0.992	0.985				
n _{302.15}	302.15		λ[W/(m·K)]			460	0.991	0.982				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.989	0.979			
							A ₀	2.6916522E+00		Grade	420	0.987
A ₁	-1.0136334E-02		D _w	1		400	0.977	0.954				
A ₂	1.8648124E-02		D _A	3		390	0.963	0.928				
A ₃	3.5804079E-04		CR	1		380	0.938	0.880				
A ₄	6.1668889E-06		RC(S)	1		370	0.880	0.780				
A ₅	5.7554576E-07		RA(S)	3		360	0.760	0.580				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.540	0.290			
							D ₀	-8.53E-07		H _k (10 ⁷ Pa)	508	
D ₁	1.64E-08		折射率温度系数 Temperature Coefficients of Refractive Index				F _A	170				
D ₂	-5.14E-11						温度范围 (°C) Range of Temperature		dn/dt relative(10 ⁻⁶ /°C)		E (10 ⁷ Pa)	8592
E ₀	4.62E-07		t	C'	d	e					F'	g
E ₁	2.21E-10		-60~-40							μ	0.279	
λ _{TK} (μm)	0.257		-40~-20	0.9	1.4	1.7	1.9	2.5	2.7	B (10 ⁻¹² /Pa)		
折射率温度系数 Temperature Coefficients of Refractive Index			0~20	1.3	1.7	2.0	2.1	2.4	3.1	其他性质 Other Properties		
			20~40	1.4	1.8	2.1	2.3	2.6	3.4			
温度范围 (°C) Range of Temperature			40~60	1.5	2.0	2.1	2.3	2.9	3.3	ρ (g/cm ³)	3.77	
			60~80	1.5	2.0	2.2	2.3	3.0	3.4	备注 Remarks		
80~100												
100~120												
120~140												