

H-BaK7A			569561				n _d = 1.56883		v _d = 56.12		n _F - n _C = 0.010136						
							n _e = 1.57124		v _e = 55.83		n _{F'} - n _{C'} = 0.010231						
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}	0.2782	P' _{s,t}	0.2756	λ (nm)	τ (5mm)	τ (10mm)								
n _{2325.42}	2325.42		P _{C,s}	0.5357	P' _{C',s}	0.5786	2400	0.938	0.880								
n _{1970.09}	1970.09		P _{d,C}	0.3039	P' _{d,C'}	0.2532	2200	0.958	0.918								
n _{1529.58}	1529.58		P _{e,d}	0.2378	P' _{e,d}	0.2356	2000	0.989	0.977								
n _{1060.0}	1060.0		P _{g,F}	0.5476	P' _{g,F'}	0.4858	1800	0.994	0.988								
n _t	1013.98	1.55750	P _{i,h}		P' _{i,h}		1600	0.998	0.996								
n _s	852.11	1.56032	异常色散 Abnormal Dispersions				1400	0.995	0.990								
n _r	706.52	1.56401					ΔP _{C,t}	0.0032	ΔP _{C,s}	0.0013	1200	0.999	0.998				
n _C	656.27	1.56575	ΔP _{F,e}	-0.0003	ΔP _{g,F}	-0.0026	1060	0.999	0.998								
n _{C'}	643.85	1.56624	着色度 Color Code				1000	0.999	0.998								
n _{He-Ne}	632.8	1.56669					λ ₈₀ /λ ₅	355/325		950	0.999	0.998					
n _D	589.29	1.56874	λ ₇₀ /λ ₅			900	0.999	0.998									
n _d	587.56	1.56883	热性质 Thermal Properties				850	0.999	0.998								
n _e	546.07	1.57124					T _g (°C)	587		800	0.999	0.997					
n _F	486.13	1.57589	T _s (°C)	647		700	0.998	0.996									
n _{F'}	479.99	1.57647	T ₁₀ ^{14.5} (°C)	541		650	0.998	0.996									
n _g	435.83	1.58144	T ₁₀ ¹³ (°C)	572		600	0.997	0.995									
n _h	404.66	1.58608	T ₁₀ ^{7.6} (°C)	731		550	0.997	0.995									
n _i	365.01	1.59404	α _{30/70°C} (10 ⁻⁷ /K)	60		500	0.997	0.995									
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	74		480	0.997	0.995									
n _{302.15}	302.15		λ[W/(m·K)]			460	0.996	0.993									
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.994	0.989								
							A ₀	2.4206744E+00		Grade		420	0.994	0.989			
							A ₁	-9.0706260E-03		D _w	1		400	0.995	0.990		
							A ₂	1.4847987E-02		D _A	1		390	0.994	0.988		
							A ₃	-1.6355473E-05		CR	1		380	0.990	0.980		
							A ₄	3.7651588E-05		RC(S)	1		370	0.983	0.967		
							A ₅	-1.5603396E-06		RA(S)	1		360	0.964	0.930		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.917	0.841								
							D ₀	5.77E-06		H _k (10 ⁷ Pa)		541					
							D ₁	1.48E-08		F _A		102					
							D ₂	2.37E-11		E (10 ⁷ Pa)		8469					
							E ₀	6.10E-07		G (10 ⁷ Pa)		3406					
							E ₁	7.99E-10		μ		0.243					
							λ _{TK} (μm)	0.144		B (10 ⁻¹² /Pa)		2.76					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		2.84								
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)						备注 Remarks									
Range of Temperature		t	C'	d	e	F'	g										
-60~-40																	
-40~-20		4.4	4.6	4.8	5.0	5.5	5.8										
-20~0		4.4	4.6	4.9	5.0	5.5	5.8										
0~20		4.4	4.6	5.1	5.2	5.6	5.8										
20~40		4.4	5.0	5.2	5.4	5.6	6.0										
40~60		4.5	5.0	5.2	5.5	5.8	6.2										
60~80		4.7	5.4	5.5	5.8	6.0	6.7										
80~100																	
100~120																	
120~140																	