

H-BaK7			569560			n _d = 1.568830		v _d = 56.04		n _F - n _C = 0.010150	
						n _e = 1.571248		v _e = 55.76		n _{F'} - n _{C'} = 0.010245	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透透率 Internal Transmittance T				
	λ (nm)		P _{s,t}	0.2761	P' _{s,t}	0.2735	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.540196	P _{C,s}	0.5321	P' _{C',s}	0.5748	2400	0.914	0.835		
n _{1970.09}	1970.09	1.545438	P _{d,C}	0.3027	P' _{d,C'}	0.2522	2200	0.940	0.884		
n _{1529.58}	1529.58	1.551039	P _{e,d}	0.2382	P' _{e,d}	0.2360	2000	0.979	0.958		
n _{1060.0}	1060.0	1.556883	P _{g,F}	0.5496	P' _{g,F'}	0.4876	1800	0.988	0.977		
n _t	1013.98	1.557555	P _{i,h}	0.7888	P' _{i,h}	0.7815	1600	0.996	0.992		
n _s	852.11	1.560357	异常色散 Abnormal Dispersions				1400	0.992	0.985		
n _r	706.52	1.564015					ΔP _{C,t}	-0.0022	ΔP _{C,s}	-0.0021	1200
n _C	656.27	1.565758	ΔP _{F,e}	0.0000	ΔP _{g,F}	-0.0007	1060	0.999	0.998		
n _{C'}	643.85	1.566246	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.566702					λ ₈₀ /λ ₅	360/330		950	0.999
n _D	589.29	1.568740	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.568830	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.571248					T _g (°C)	581		800	0.998
n _F	486.13	1.575908	T _s (°C)	642		700	0.997	0.995			
n _{F'}	479.99	1.576491	T ₁₀ ^{14.5} (°C)	541		650	0.997	0.994			
n _g	435.83	1.581486	T ₁₀ ¹³ (°C)	580		600	0.996	0.993			
n _h	404.66	1.586147	T ₁₀ ^{7.6} (°C)	733		550	0.996	0.993			
n _i	365.01	1.594153	α _{.30/70} (10 ⁻⁷ /K)	72		500	0.996	0.992			
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	90		480	0.995	0.991			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.994	0.989			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.994	0.988		
							K ₁	6.59469741E-01		Grade	420
L ₁	7.66009635E-04		D _w	1		400	0.994	0.989			
K ₂	7.62196700E-01		D _A	1		390	0.991	0.983			
L ₂	1.77403402E-02		CR	2		380	0.989	0.978			
K ₃	1.19935835E+00		RC(S)	1		370	0.980	0.960			
L ₃	1.29975103E+02		RA(S)	1		360	0.956	0.914			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.893	0.798		
							D ₀	6.07E-07		H _k (10 ⁷ Pa)	578
D ₁	1.74E-08		Grade				330	0.386	0.149		
D ₂	-3.75E-11						D _w	1		320	
E ₀	5.69E-07		D _A	1		310					
E ₁	2.67E-10		CR	2		300					
λ _{TK} (μm)	0.188		RC(S)	1		290					
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				280				
							其他性质 Other Properties		ρ (g/cm ³)		2.83
温度范围 (°C)			t	C'	d	e	F'	g	备注 Remarks		
Range of Temperature											
-60~-40	1.7	2.1	2.3	2.3	2.7	3.1					
-40~-20	1.7	2.2	2.3	2.5	2.9	3.1					
-20~0	1.7	2.2	2.4	2.5	2.9	3.3					
0~20	1.9	2.2	2.6	2.9	3.1	3.4					
20~40	2.1	2.6	2.8	3.0	3.4	3.7					
40~60	2.1	2.7	2.8	3.0	3.4	3.7					
60~80	2.3	2.7	2.8	3.0	3.4	3.8					
80~100	2.3	2.7	2.9	3.0	3.4	4.0					
100~120	2.5	3.0	3.0	3.4	3.7	4.3					
120~140	2.5	3.0	3.2	3.4	3.9	4.3					