

H-BaK5			561583			n _d = 1.560690		ν _d = 58.34		n _F - n _C = 0.009610							
						n _e = 1.562981		ν _e = 58.07		n _{F'} - n _{C'} = 0.009695							
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance τ										
	λ (nm)		P _{s,t}	0.2769	P' _{s,t}	0.2745	λ (nm)	τ (5mm)	τ (10mm)								
n _{2325.42}	2325.42	1.533595	P _{C,s}	0.5345	P' _{C',s}	0.5777	2400	0.936	0.877								
n _{1970.09}	1970.09	1.538554	P _{d,C}	0.3035	P' _{d,C'}	0.2530	2200	0.955	0.912								
n _{1529.58}	1529.58	1.543827	P _{e,d}	0.2384	P' _{e,d}	0.2363	2000	0.983	0.966								
n _{1060.0}	1060.0	1.549339	P _{g,F}	0.5457	P' _{g,F'}	0.4843	1800	0.992	0.984								
n _t	1013.98	1.549975	P _{i,h}	0.7750	P' _{i,h}	0.7682	1600	0.999	0.998								
n _s	852.11	1.552636	异常色散 Abnormal Dispersions				1400	0.999	0.998								
n _r	706.52	1.556115					ΔP _{C,t}	-0.0097	ΔP _{C,s}	-0.0051	1200	0.999	0.998				
n _C	656.27	1.557773	ΔP _{F,e}	0.0002	ΔP _{g,F}	-0.0007	1060	0.999	0.998								
n _{C'}	643.85	1.558237	着色度 Color Code				1000	0.999	0.998								
n _{He-Ne}	632.8	1.558670					λ ₈₀ /λ ₅	340/300		950	0.999	0.998					
n _D	589.29	1.560604	λ ₇₀ /λ ₅			900	0.999	0.998									
n _d	587.56	1.560690	热性质 Thermal Properties				850	0.999	0.998								
n _e	546.07	1.562981					T _g (°C)	586		800	0.998	0.997					
n _F	486.13	1.567383	T _s (°C)	657		700	0.997	0.995									
n _{F'}	479.99	1.567932	T ₁₀ ^{14.5} (°C)	542		650	0.997	0.994									
n _g	435.83	1.572627	T ₁₀ ¹³ (°C)	586		600	0.997	0.994									
n _h	404.66	1.576987	T ₁₀ ^{7.6} (°C)	754		550	0.997	0.994									
n _i	365.01	1.584435	α _{30/70} (10 ⁻⁷ /K)	76		500	0.996	0.992									
n _{313.18}	313.18	1.599652	α _{100/300} (10 ⁻⁷ /K)	88		480	0.994	0.989									
n _{302.15}	302.15	1.604182	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	0.994	0.988								
							K ₁	8.58085903E-01		Grade		420	0.994	0.988			
							L ₁	1.01018871E+02		D _w	1		400	0.994	0.988		
							K ₂	3.80070290E-01		D _A	2		390	0.992	0.985		
							L ₂	2.03677495E-02		CR	1		380	0.989	0.978		
							K ₃	1.01787547E+00		RC(S)	1		370	0.987	0.974		
							L ₃	5.64515890E-03		RA(S)	1		360	0.978	0.957		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.960	0.921								
							D ₀	1.40E-07		H _k (10 ⁷ Pa)	542		340	0.921	0.848		
							D ₁	1.75E-08		F _A	106		330	0.840	0.710		
							D ₂	-3.27E-11		E (10 ⁷ Pa)	7539		320	0.690	0.480		
							E ₀	5.66E-07		G (10 ⁷ Pa)	3033		310	0.450	0.200		
							E ₁	4.64E-10		μ	0.243		300	0.170	0.030		
							λ _{TK} (μm)	0.160		B (10 ⁻¹² /Pa)	2.62		290				
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		3.01								
							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		1.4	1.9	1.9	2.1	2.4	2.8										
-40~-20		1.5	2.0	2.0	2.2	2.5	2.8										
-20~0		1.5	2.0	2.1	2.3	2.6	3.0										
0~20		1.7	2.1	2.2	2.4	2.7	3.0										
20~40		1.8	2.3	2.5	2.6	2.9	3.2										
40~60		1.9	2.4	2.6	2.8	3.1	3.4										
60~80		2.0	2.5	2.7	2.8	3.2	3.5										
80~100		2.2	2.6	2.7	2.9	3.4	3.8										
100~120		2.3	2.8	3.0	3.1	3.5	4.0										
120~140		2.3	2.9	3.0	3.2	3.5	4.0										