

H-BaK4			552634		$n_d = 1.552480$	$v_d = 63.37$	$n_F - n_C = 0.008719$		
					$n_e = 1.554560$	$v_e = 63.14$	$n_{F'} - n_{C'} = 0.008783$		
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T		
	λ (nm)		$P_{s,t}$	0.3022	$P'_{s,t}$	0.3000	λ (nm)	τ (5mm)	τ (10mm)
$n_{2325.42}$	2325.42	1.523796	$P_{C,s}$	0.5552	$P'_{C',s}$	0.5999	2400	0.898	0.806
$n_{1970.09}$	1970.09	1.529632	$P_{d,C}$	0.3068	$P'_{d,C'}$	0.2558	2200	0.932	0.869
$n_{1529.58}$	1529.58	1.535709	$P_{e,d}$	0.2386	$P'_{e,d}$	0.2368	2000	0.981	0.962
$n_{1060.0}$	1060.0	1.541679	$P_{g,F}$	0.5369	$P'_{g,F'}$	0.4769	1800	0.990	0.981
n_t	1013.98	1.542329	$P_{i,h}$	0.7515	$P'_{i,h}$	0.7460	1600	0.996	0.992
n_s	852.11	1.544964	异常色散 Abnormal Dispersions				1400	0.989	0.978
n_r	706.52	1.548267					$\Delta P_{C,t}$	0.0126	$\Delta P_{C,s}$
n_C	656.27	1.549805	$\Delta P_{F,e}$	-0.0005	$\Delta P_{g,F}$	-0.0009	1060	0.999	0.998
$n_{C'}$	643.85	1.550233	着色度 Color Code				1000	0.999	0.998
n_{He-Ne}	632.8	1.550632					λ_{80}/λ_5	330/280	
n_D	589.29	1.552402	λ_{70}/λ_5			900	0.999	0.998	
n_d	587.56	1.552480	热性质 Thermal Properties				850	0.999	0.998
n_e	546.07	1.554560					T_g (°C)	611	
n_F	486.13	1.558524	T_s (°C)	667		700	0.998	0.997	
$n_{F'}$	479.99	1.559016	$T_{10}^{14.5}$ (°C)	546		650	0.998	0.997	
n_g	435.83	1.563205	T_{10}^{13} (°C)	588		600	0.998	0.997	
n_h	404.66	1.567070	$T_{10}^{7.6}$ (°C)	753		550	0.998	0.997	
n_i	365.01	1.573622	$\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K)	61		500	0.998	0.996	
$n_{313.18}$	313.18	1.586818	$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)	76		480	0.998	0.996	
$n_{302.15}$	302.15	1.590697	$\lambda[W/(m \cdot K)]$			460	0.998	0.996	
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.996	0.992
							K_1	5.59279457E-01	
L_1	1.72756270E-03		D_W	3		400	0.995	0.991	
K_2	9.85286498E-01		D_A	3		390	0.994	0.989	
L_2	9.78673314E+01		CR	2		380	0.993	0.987	
K_3	8.18059461E-01		RC(S)	1		370	0.992	0.984	
L_3	1.35929957E-02		RA(S)	2		360	0.988	0.977	
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.981	0.962
							D_0	9.33E-07	
D_1	2.01E-08		E (10 ⁷ Pa)	8277		340	0.964	0.930	
D_2	-2.04E-11		G (10 ⁷ Pa)	3370		330	0.939	0.882	
E_0	3.94E-07		μ	0.228		320	0.888	0.789	
E_1	2.14E-10		B (10 ⁻¹² /Pa)	2.44		310	0.796	0.633	
$\lambda_{TK}(\mu m)$	0.158		其他性质 Other Properties				300	0.645	0.416
折射率温度系数 Temperature Coefficients of Refractive Index							ρ (g/cm ³)	2.90	
			温度范围 (°C)	dn/dt relative(10⁻⁶/°C)					280
Range of Temperature	t	C'	d	e	F'	g	备注 Remarks		
-60~-40									
-40~-20	1.8	2.1	2.1	2.1	2.5	2.6			
-20~0	1.8	2.0	2.3	2.3	2.5	2.6			
0~20	1.9	2.0	2.3	2.7	2.7	3.0			
20~40	2.1	2.3	2.7	2.7	2.8	3.3			
40~60	2.3	2.8	2.8	2.9	3.0	3.2			
60~80	2.4	2.8	2.8	2.9	3.4	3.6			
80~100									
100~120									
120~140									